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Title:
Perfect score:
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Maximum Match 100%
Listing first 45 summaries
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Scoring table:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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seq length: 2000000000
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1: /ggn2_6/ptodata/l/ina/1_COMB.seq:*

2: /cgn2_6/ptodata/l/ina/5_COMB.seq:*

3: /ggn2_6/ptodata/l/ina/6A_COMB.seq:*

4: /cgn2_6/ptodata/l/ina/6B_COMB.seq:*

5: /ggn2_6/ptodata/l/ina/PCTUS_COMB.seq:*

6: /cgn2_6/ptodata/l/ina/PCTUS_COMB.seq:*

7: /ggn2_6/ptodata/l/ina/PCOMB.seq:*

8: /cgn2_6/ptodata/l/ina/RE_COMB.seq:*

9: /ggn2_6/ptodata/l/ina/RE_COMB.seq:*
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        GenCore version 5.1.7 (c) 1993 - 2006 Biocceleration Ltd.
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US-08-301-645-2
PCT-US94-01258-2
PCT-US94-01258-2
PCT-US94-01258-2
US-08-276-852-152
US-08-899-575-158
US-08-899-575-152
US-08-899-575-153
US-08-99-111-769A-26
US-09-411-769A-26
US-09-611-451-43
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US-09-171-945-46/c
; Sequence 46, Application US/09171945
; Patent No. 6277599
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Best Local Similarity
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94.8	94.8	94.8	94.8	96.8	96.8	96.8	96.8	96.8	96.8				96.8					•	96.8	
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Sequence	Sequence	Sequence	Sequence		Sequence	Sequence		Sequence	Sequence		Sequence	Sequence		Sequence	Sequence				Sequence	DOM:
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ALIGNMENTS

Minimum DB Maximum DB

Sequence:

Run on:

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APPLICANT: Copley, Clive Graham
APPLICANT: Edge, Michael Derek
TITLE OF INVENTION: Monoclonal Antibody to CEA, Conjugates Comprising Said
TITLE OF INVENTION: Monoclonal Antibody to CEA
FILE REFERENCE: Monoclonal Antibody to CEA
CURRENT APPLICATION NUMBER: US/09/171,945
CURRENT APPLICATION NUMBER: US/09/171,945
CURRENT FILING DATE: 1998-10-29
PRIOR APPLICATION NUMBER: GB9703103.3
PRIOR FILING DATE: 1997-02-14
PRIOR APPLICATION NUMBER: GB9609405.7
PRIOR APPLICATION NUMBER: GB9609405.7
PRIOR FILING DATE: 1996-05-04
PRIOR APPLICATION NUMBER: PCT/GB97/01165
PRIOR FILING DATE: 1997-04-29
NUMBER OF SEQ ID NOS: 131
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 46
LENGTH: 357
TYPE: DNA
ORGANISM: Artificial Sequence
US-09-910-059-46/c
; Sequence 46, Application US/09910059
; Patent No. 6903203
; GENERAL INFORMATION:
; APPLICANT: Copley, Clive G
; APPLICANT: Edge, Michael Derek
; APPLICANT: Edge, Michael Derek
; APPLICANT: Bdge, Michael Derek
; APPLICANT: Monoclonal Antibody to CEA, Conjugates Comprising Said Antibody,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; FEATURE: ; OTHER INFORMATION: Description of Artificial Sequence: humanized US-09-171-945-46
                                                                                                                                                                                                                                                                                                                                                                                                     1 ATTAACACTCTCCCCTGTTGAAGCTCTTTGTGACGGGCGAACTCAGGCCC 50
                                                                                                                                                                                                                                                                                                                                                                       ATTAACACTCTCCCCTGTTGAAGCTCTTTGTGACGGGCGAACTCAGGCCC 294
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               100.0%; Score 50; DB 3; ilarity 100.0%; Pred. No. 8.4e-11; Conservative 0; Mismatches 0;
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RESULT 3
US-08-300-386A-2/c
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PRIOR FILING DATE: 1998-10-29
PRIOR APPLICATION NUMBER: PCT/GB97/01165
PRIOR FILING DATE: 1997-04-29
PRIOR APPLICATION NUMBER: GB 9703103.3
PRIOR FILING DATE: 1997-02-14
PRIOR APPLICATION NUMBER: GB9609405.7
PRIOR FILING DATE: 1996-05-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 2, Application Patent No. 5667988
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/910,059
CURRENT FILING DATE: 2001-07-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION:
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FILING DATE: 30-SEP-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08,
FILING DATE: 02-FEB-1993
ATTORNEY/AGENT INFORMATION:
NAME: Fitting, Thomas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: human light chain kappa constant region insert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET: LA JOLIA
CITY: LA JOLIA
CTATE: CA
                                                                                                      APPLICATION APPLICATION DATA: 27-JAN-1992
PRIOR APPLICATION DATA: 07/954,148
                                                                                                                                                                                       APPLICATION NUMBER: US 08/174,674
FILING DATE: 28-DEC-1993
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                               SOFTWARE: PatentIn Release #1.0, Version CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION:
                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC
OPERATING SYSTEM:
SOFTWARE: PatentI
                                                                                                                                                                                                                                                                         FILING DATE: 0:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 92037
                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/08/300,386A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE:
                                                                                                                                                                        APPLICATION NUMBER:
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10666 No. 5667988th Torrey Pines Road, TPC8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Burton, Dennis R
Lerner, Richard A
VENTION: METHODS FOR PRODUCING ANTIBODY LIBRARIES
VENTION: USING UNIVERSAL OR RANDOMIZED IMMUNOGLOBULIN LIGHT CHAINS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          USA
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IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
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Pred. No. 8.4e-11;
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INFORMATION FOR SEQ ID NO:
                                                              PILING DATE: 27-JAN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/954
PILING DATE: 30-SEP-1992
PRIOR APPLICATION NUMBER: US 08/012
APPLICATION NUMBER: US 08/012
PILING DATE: 02-FEB-1993
ATTORNEY/AGENT INFORMATION:
NAME: Fitting, Thomas
REGISTRATION NUMBER: 34,163
REFERENCE/DOCKET NUMBER: TSRI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Barbas,
TELEFAX: 619-554-6312
                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: US
FILLING DATE: 02-SEP-15
APPLICATION NUMBER: US
FILLING DATE: 28-DEC-15
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US
                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/931,645
FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS
LENGTH: 646 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 92037
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION:
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                                                TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Local Similarity nes 50; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: The Scripps Research Institute STREET: 10666 No. 6096551th Torrey Pines Road, CCTY: La Jolla
                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDIUM TYPE:
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                                TELEPHONE:
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RICHARDS FOR PRODUCING ANTIBODY LIBRARIES
USING UNIVERSAL OR RANDOMIZED IMMUNOGLOBULIN LIGHT CHAINS
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                                                                                                                                                      US 08/012,566
                                                                                                                                                                                                                                                                                                           US 08/174,674
                                                                                                                                                                                                                                                            US 07/826,623
                                                                                                                                                                                                                                                                                                                                               US/08/300,386
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                                                                  TSRI 409.1
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RESULT 6
PCT-US95-11235-2/c
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                                                                                                                 Sequence 2, Application PC/TUS9511235
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 646 base pairs
                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: 111
MOLECULE TYPE:
HYPOTHETICAL: N
                                                   APPLICANT: THE SCRIPPS RESEARCH INSTITUTE
TITLE OF INVENTION: METHODS FOR PRODUCING ANTIBODY LIBRARIES
TITLE OF INVENTION: USING UNIVERSAL OR RANDOMIZED IMMUNOGLOBULIN LIGHT CHAINS
NUMBER OF SEQUENCES: 70
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: PCT/USY4/ULAUC
PILING DATE: 02-FEB-1994
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
                                   CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US 00 FILING DATE: 02-FEB-1993 PRIOR APPLICATION DATA: APPLICATION NUMBER: US 00
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HYPOTHETICAL: NO
ANTI-SENSE: NO
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MEDIUM TYPE: Floppy COMPUTER: IBM PC COM
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ADDRESSEE: The Scripps Research Institute STREET: 10666 North Torrey Pines Road, TPC8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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EO ID NO: 2:
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100.0%; Pre
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100.0%; Pred. No. 9.7e-11;
tive 0; Mismatches 0;
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USING UNIVERSAL OR RANDOMIZED IMMUNOGLOBULIN LIGHT CHAINS
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Pred. No. 9.7e-11;
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US-08-276-852-152/c
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                                                                                                                                                                                                                                     Patent No. 5652138
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US 07/826,623
FILING DATE: 27-JAN-1992
PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 07/954,148
FILING DATE: 30-SEP-1992
PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 08/012,566
FILING DATE: 02-PEB-193
AFTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                             GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                              APPLICANT:
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HYPOTHETICAL:
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LENGTH: 646 base pairs
TYPE: nucleic acid
                                                                                                                 CORRESPONDENCE ADDRESS:
                                                                                                                              NUMBER OF SEQUENCES:
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FILING DATE: 28-DEC-
PRIOR APPLICATION DATA:
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PRIOR APPLICATION DATA:
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CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy
STATE: C
                                         ADDRESSEE: The Scripps Research Institute, Office of ADDRESSEE: Patent Counsel STREET: 10666 No. 5652138th Torrey Pines Road, Suite 220, STREET: Mail Drop TPC8
                                                                                                                                                                                                                                                                                                                                                                                                                              Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: PCT/US95/11235
FILING DATE: 01-SEP-1995
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Fitting, Thomas REGISTRATION NUMBER: 34, REFERENCE/DOCKET NUMBER:
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OPERATING SYSTEM: PC-DOS/MS-DOS
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La Jolla
8: CA
PRY: USA
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HUMAN NEUTRALIZING MONOCLONAL ANTIBODIES
TO HUMAN IMMUNODEFICIENCY VIRUS
                                                                                                                                                                                              Dennis R
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PR: TSRI 409.1 (PC)
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COMPUTER READABLE FORM: MEDIUM TYPE: Floppy

Floppy disk

OPERATING SYSTEM:

IBM PC compatible SYSTEM: PC-DOS/MS-DOS

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US-08-276-852-168
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; LOCATION:
US-08-276-852-152
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Best Local
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
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CURRENT APPLICATION DATA:
APPLICATION UNMER: US/08/276,852
FILING DATE: 18-UUL-1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/178,302
FILING DATE: 30-SEP-1993
                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Burton, Dennis A
APPLICANT: Barbas, Carlos F
APPLICANT: Lerner, Richard A
APPLICANT: Lerner, Richard A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: SC
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-554-2937
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 30-SEP-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/954,148
FILING DATE: 30-SEP-1992
ATTORNEY/AGENT INFORMATION:
                                                COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                           COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: The Scripps Research Institute, Office
                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
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                                                                                                                                                                               ADDRESSEE: Patent Counsel
STREET: 10666 No. 5652138th Torrey Pines Road, Suite 220,
STREET: Mail Drop TPC8
CITY: La Jolla
STATE: CA
COUNTRY: USA
             APPLICATION NUMBER: US/08/276,852
FILING DATE: 18-JUL-1994
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CLASSIFICATION:
                                                                                                                                                                  COUNTRY: UZIP: 92037
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STRANDEDNESS: double
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                                                                                                                             Floppy disk
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
                                                                                                                                                                   SOFTWARE: PATENTIN Release #1.0, VE CURRENT APPLICATION NATA:

APPLICATION NUMBER: US/08/899,575

FILING DATE: 24-UU-1997

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/276,852

FILING DATE: 18-UU-1994

APPLICATION NUMBER: US 08/178,302
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION: APPLICANT: Burton,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US 07/954
FILING DATE: 30-SEP-1992
ATTORNEY_AGENT INFORMATION:
NAME: FITTING, Thomas
REGISTRATION NUMBER: 34,163
REFERENCE/DOCKET NUMBER: SCR1
TELECOMMUNICATION INFORMATION:
                PILING DATE: 30-SEP-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/
PILING DATE: 30-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: Fitting, Thomas
REGISTRATION NUMBER: 34,16
REFERENCE/DOCKET NUMBER: 3
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FILING DATE: 30-SEP-
PRIOR APPLICATION DATA:
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NIMBER: US 08/178,302
                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
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CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Barbas, APPLICANT: Lerner,
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity
nes 50; Conserv
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ZIP: 92037
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
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HUMAN NEUTRALIZING MONOCLONAL ANTIBODIES
TO HUMAN IMMUNODEFICIENCY VIRUS
170
                                                                                                                  US 07/954,148
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                                  34,163
                    SCR1452P
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                                                                                                                                                                                                                                                                                                                                  Version
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TELEPHONE:

619-554-2937

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US-08-899-575-168
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                                                                                                                                                                                                                                                    OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/08/899,575
FILING DATE: 24-JUL-1997
CLASSIFICATION 1435
PRIOR APPLICATION NUMBER: US 08/276,852
PRIOR APPLICATION NUMBER: US 08/276,852
APPLICATION NUMBER: US 08/276,852
PILING DATE: 18-JUL-1994
APPLICATION NUMBER: US 08/178,302
PILING DATE: 30-SEP-1993
PRIOR APPLICATION DATA:
30-SEP-1993
PRIOR APPLICATION DATA: "10 07/05/140
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                               TELEPHONE: 619-554-293:
TELEPAX: 619-554-6312
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 729 base pairs
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                                                                                                           APPLICATION NUMBER: US 07/954
FILING DATE: 30-SEP-1992
ATTORNEY_AGENT INFORMATION:
NAME: FITCLING, Thomas
REGISTRATION NUMBER: 34,163
REFERENCE/DOCKET NUMBER: SCR1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-554-2937
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: The Scrippe Research Institute, Office of ADDRESSEE: Patent Counsel STREET: 10666 No. 5770440th Toxrey Pines Road, Suite STREET: Mail Drop TPC8
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 STRANDEDNESS:
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LOCATION:
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TYPE: nucleic acid
STRANDEDNESS: double
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nucleic acid
EDNESS: double
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Barbas, Carlos F
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SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            100.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    HUMAN NEUTRALIZING MONOCLONAL ANTIBODIES TO HUMAN IMMUNODEFICIENCY VIRUS
                                                                                                                                                                                                                                            US 07/954,148
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Pred. No. 9.9e-1
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RESULT 11
US-08-899-575-152/c
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                                                                            US-08-899-575-152
     Matches
                                      Query Match
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                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 24-JUL-1997
CLASSIFICATION:
PRIOR APPLICATION DATA:
PRIOR APPLICATION UDATA:
APPLICATION NUMBER: US 08/276,852
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: US 08/178,302
FILING DATE: 30-SEP-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/954,148
FILING DATE: 30-SEP-1992
                                                                                                                                                                                                                                                     TELEPHONE: 619-554-29
TELEPAX: 619-554-6312
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 9203
COMPUTER READBLE FORM:
COMPUTER: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTION Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
US/08/899,575
                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 729 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION: NAME: Fitting, Thomas REGISTRATION NUMBER: 34,
                                                                                                                              FEATURE:
                                                                                                                                              MOLECULE TYPE:
                                                                                                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION: TELEPHONE: 619-554-2937
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CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Barbas,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE: CA
COUNTRY: US
ZIP: 92037
                                                                                         NAME/KEY:
LOCATION:
                    Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Patent Counsel
STREET: 10666 No. 5804440th Torrey Pines Road, Suite 220
STREET: Mail Drop TPC8
                                                                                                                                                                 TOPOLOGY:
                                                                                                                                                                              STRANDEDNESS:
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   50;
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: CA
RY: USA
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Barbas, Carlos F
Lerrner, Richard A
TVENTION: HUMAN NEUTRALIZING MONOCLONAL ANTIBODIES
TVENTION: TO HUMAN IMMUNODEFICIENCY VIRUS
                                                                                         CDS
9..715
   Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        100.0%; Score 50; DB 2; 1 ilarity 100.0%; Pred. No. 9.9e-11; Conservative 0; Mismatches 0;
                                                                                                                                                               linear
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                                                                                                                                             DNA (genomic)
                                                                                                                                                                                  double
                  100.0%;
                                                                                                                                                                                                                                                      152:
                                                                                                                                                                                                                                                                                                                           SCR1452P
   0;
                  Score 50; DB 2;
Pred. No. 9.9e-11;
   Mismatches
                                   Length 729;
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   Indels
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RESULT 13
PCT-US95-08743-152/c
Sequence 152, Application PC/TUS9508743
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Patent No. 5804440
GENERAL INFORMATION:
APPLICANT: Burton
                                                                                                                                                                                                                                     Matches
                                                                                                                                                                                                                                                     Best Local Similarity
                                                                                                                                                                                                                                                                  Query Match
                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 729 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY AGENT INFORMATION:
NAME: Fitting, Thomas
REGISTRATION NUMBER: 34,163
REFERENCE/DOCKET NUMBER: SCRI
TELECOMUNICATION INFORMATION:
TELEPHONE: 619-554-2937
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PA PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
APPLICANT:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US 08/276,852
FILING DATE: 18-UU-1994
APPLICATION NUMBER: US 08/178,302
FILING DATE: 30-SEP-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/954,148
                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE:
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CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Barbas, APPLICANT: Lerner,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/08/899,575
FILING DATE: 24-JUL-1997
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: The Scripps Research Institute, Office of ADDRESSEE: Patent Counsel STREET: 10666 No. 5804440th Torrey Pines Road, Suite STREET: Mail Drop TPC8
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100.0%; Pred. No. 9.9e-11;
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HUMAN NEUTRALIZING MONOCLONAL ANTIBODIES TO HUMAN IMMUNODEFICIENCY VIRUS
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Best Local Similarity
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INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 729 base pairs
                                                                                                                                                                                                                                           FILING DATE: 18-JUL-1
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 170
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: 1BM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (BPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/08743
FILING DATE: 11-TUL-1995
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NAME/KEY: CDS
LOCATION: 9...
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APPLICATION NUMBER:
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy
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APPLICATION NUMBER: US 08/276,852
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FILING DATE: 11-JUL-1995
                                                                                                                                                           STRANDEDNESS: don
TOPOLOGY: linear
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TYPE: nucleic acid
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                  1 ATTAACACTCTCCCCTGTTGAAGCTCTTTTGTGACGGGCGAACTCAGGCCC 50
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DEDNESS: double
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 ATTAACACTCTCCCCTGTTGAAGCTCTTTGTGACGGGCGAACTCAGGCCC
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ilarity 100.0%;
Conservative 0
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Pred. No.
                                                             Score 50; DB 6;
Pred. No. 9.9e-11;
Mismatches 0;
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RESULT 15 US-08-860-882A-29/c ; Sequence 29, Application US/08860882A

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PATERIT NO. 598281
PATERIA NO. 598281
PATERIANT: SCREIT, HENDRINGS
APPLICANT: TAYLORSON, CHRISTOPHER JOHN
APPLICANT: TARRAGONA-FIOL, ANTONIO
APPLICANT: TARRAGONA-FIOL, ANTONIO
APPLICANT: RABIN, BRIAN ROBERT
APPLICANT: HENNA, ONNA FEDERACK
APPLICANT: HENNA, CONE FEDERACK
APPLICANT: BLAKELY, DAVID WILLIAM
APPLICANT: DAVIS DAVID WILLIAM
APPLICANT: DAVIS DAVID WILLIAM
APPLICANT: DAVIS DAVID WILLIAM
APPLICANT: DAVIS DAVID
CONFUTER: LEM COMPOSITION
COUNTRY: USA
COMPUTER: DAVID WILLIAM
APPLICATION NAMER: PLODS/MS-DOS
FORMARE: PADERICAN PC-DOS/MS-DOS
FORMARE: PADERICAN PC-DOS
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DB seq length: 2000000000
    No. is the number of results predicted by chance to have a greater than or equal to the score of the result being printed, s derived by analysis of the total score distribution.
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1: /cgn2_6/ptodata/1/pubpna/US07_PUBCOMB.seq:*

2: /cgn2_6/ptodata/1/pubpna/US08_PUBCOMB.seq:*

3: /cgn2_6/ptodata/1/pubpna/US09A_PUBCOMB.seq:*

4: /cgn2_6/ptodata/1/pubpna/US09A_PUBCOMB.seq:*

5: /cgn2_6/ptodata/1/pubpna/US10A_PUBCOMB.seq:*

6: /cgn2_6/ptodata/1/pubpna/US10B_PUBCOMB.seq:*

7: /cgn2_6/ptodata/1/pubpna/US10B_PUBCOMB.seq:*

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US-10-507-941-27
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US-10-016-986-168
US-10-410-907A-1
US-10-491-550A-13
US-10-491-550A-13
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48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	
96.8	96.8	96.8	96.8		96.8		96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	
3300	3300	3300	3300	3300	3300	3300	3300	3300	3255	3242	3100	3100	3000	3000	2700	2700	1434	1081	1081	1081	
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US-10-764-428-22	US-10-764-428-20	US-10-764-428-12	US-10-764-428-10	US-10-764-428-8	US-10-764-428-6	US-10-764-428-4	US-10-020-786-2	US-10-020-786-1	US-10-697-995-10	US-10-697-995-4	US-10-754-212-4	US-10-227-694-6	US-10-697-995-19	US-10-697-995-16	US-10-754-212-1	US-10-227-694-3	US-11-013-537-46	US-10-994-151-65	US-10-994-116-65	US-10-471-151-27	
Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence 46	Sequence	Sequence	Sequence	
22,	20,	12,	10,	8, 1	6, 2	4.	2	1	10,	4,	4	6	19,	16,	۲,	ω -	46	65,	65,	27,	
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ALIGNMENTS

RESULT 1 US-10-006-591-4

Sequence 4, Application US/10006591 Publication No. US20030049731A1 GENERAL INFORMATION:

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FILE REFERENCE: 1087-3
FILE REFERENCE: 1087-3
CUURRENT APPLICATION NUMBER: US/10/006,591
CUURENT APPLICATION NUMBER: 60/251,440
PRIOR APPLICATION NUMBER: 60/251,440
PRIOR FILING DATE: 2000-12-05
NUMBER OF SEQ ID NOS: 14
SOFTWARE: Patentin version 3.1
SEQ ID NO 4
LENGTH: 50
TYPE: DNA
ORGANISM: Artificial Sequence
PRATURE:
OTHER INFORMATION: Description of Artificial Sequence: primer
US-10-006-591-4
                                                                                                                        RBSULT 2
US-10-507-941-27
; Sequence 27, Application US/10507941
; Publication No. US20050176933A1
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                                                                                                         GENERAL INFORMATION:
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Best Local Similarity
Matches 50; Conserv
APPLICANT: CHEN, Zhinan
APPLICANT: XING, Jinliang
APPLICANT: XING, Sihe
TITLE OF INVENTION: VARIABLE REGION GENES OF HEAVY/LIGHT CHAIN
TITLE OF INVENTION: MONOCLONAL ANTIBODY HAB18 AND USE THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Wild, Martha
APPLICANT: McWhirter, John
TITLB OF INVENTION: ENGINEERED PLASMIDS AND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Bowdish, Katherine S. APPLICANT: Frederickson, Shana APPLICANT: Lin, Ying-Chi APPLICANT: Renshaw, Mark
                                                                                                                                                                                                                                                                                    1 ATTAACACTCTCCCCTGTTGAAGCTCTTTGTGACGGGCGAACTCAGGCCC
                                                                                                                                                                                                                                                              ATTAACACTCTCCCCTGTTGAAGCTCTTTGTGACGGGCGAACTCAGGCCC
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                                                                                                                                                                                                                                                                                                                                                          100.0%;
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Sequence Sequence

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; FILE REPERENCE: 264.1001
; CURRENT APPLICATION NUMBER: US/10/507,941
; CURRENT FILING DATE: 2004-09-15
; PRIOR APPLICATION NUMBER: CN 02114471.0
; PRIOR FILING DATE: 2002-03-15
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 27
; LENGTH: 62
; TYPE: DNA
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US-10-006-591-6
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                                                                                                                                                                                                                                                                                                                                                                                                       US-10-006-591-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQ ID NO 5
LENGTH: 68
TYPE: DNA
                                                                                                              Sequence 6, Application US/10006591 Publication No. US20030049731A1 GENERAL INFORMATION:
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Best Local S
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Best Local
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                                       APPLICANT:
                                                                                                                                                                                                                                                                                                                              Matches
                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Descript FEATURE: NAME/KEY: misc_feature LOCATION: (2)...(2)
OTHER INFORMATION: n is a o
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/10/006,591
CURRENT FILING DATE: 2001-12-05
PRIOR APPLICATION NUMBER: 60/251,440
PRIOR FILING DATE: 2000-12-05
NUMBER OF SEQ ID NOS: 14
SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Bowdish, Katherine S. APPLICANT: Frederickson, Shana APPLICANT: Lin, Ying-Chi APPLICANT: Renshaw, Mark APPLICANT: Wild, Martha
                                                     APPLICANT: Bowdish, Katherine S.
APPLICANT: Frederickson, Shana
APPLICANT: Lin, Ying-Chi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Wild, Martha
APPLICANT: McWhirter, John
TITLE OF INVENTION: ENGINEERED PLASMIDS AND THEIR USE FOR IN SITU PRODUCTION OF GENES
PILE REFERENCE: 1087-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  13
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ch 100.0%; Score 50; DB 9; 1 similarity 100.0%; Pred. No. 2.4e-11; 50; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                         1 ATTAACACTCTCCCCTGTTGAAGCTCTTTGTGACGGGCGAACTCAGGCCC
                                                                                                                                                                                                                                                                                                                                              Similarity
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Renshaw, Mark
Wild, Martha
McWhirter, John
                                                                                                                                                                                                                                                      ATTAACACTCTCCCCTGTTGAAGCTCTTTGTGACGGGCGAACTCAGGCCC
                                                                                                                                                                                                                                                                                                                              Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Description of Artificial Sequence: duplexing oligo
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Pred. No. 2.4e-11;
Mismatches 0;
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APPLICANT: Copley, Clive G
APPLICANT: Edge, Michael Derek
APPLICANT: Edge, Michael Derek
APPLICANT: Edge, Michael Derek
APPLICANT: Emery, Stephen Charles
TITLE OF INVENTION: Monoclonal Antibody to CEL
TITLE OF INVENTION: Their Therapeutic use in
FILE REFERENCE: 1991-209
CURRENT APPLICATION NUMBER: US/09/910,059
CURRENT FILING DATE: 2001-07-23
PRIOR APPLICATION NUMBER: US/09/171,945
PRIOR PILING DATE: 1998-10-29
PRIOR APPLICATION NUMBER: PCT/GB97/01165
PRIOR FILING DATE: 1997-04-29
PRIOR APPLICATION NUMBER: GB 9703103.3
PRIOR TILING DATE: 1997-02-14
PRIOR APPLICATION NUMBER: GB9609405.7
PRIOR FILING DATE: 1996-05-04
NUMBER: OF SEQ. ID NOS: 131
PRIOR SEQ. ID NOS: 131
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US-09-910-059-46/c
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Patent No. US20020142359A1
GENERAL INFORMATION:
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SEQ ID NO 46
LENGTH: 357
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LENGTH: 76
                                                                                  Query Match 100.0%; Score 50; DB 3; 1
Best Local Similarity 100.0%; Pred. No. 3.6e-11;
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Best Local Similarity
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CURRENT FILING DATE: 2001-12-05
PRIOR APPLICATION NUMBER: 60/251,440
PRIOR FILING DATE: 2000-12-05
NUMBER OF SEQ ID NOS: 14
SOPTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: ENGINEERED PLASMIDS AND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: misc feature LOCATION: (71)...(71) COTHER INFORMATION: n is c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Artificial Sequence FEATURE: OTHER INFORMATION: Description FEATURE:
                                                                                                                                                                                                                           ORGANISM: Artificial Sequence
                                                                                                                                                                                        OTHER INFORMATION: human light chain kappa constant region insert
                                                                                                                                                                                                           FEATURE:
                                                                                                                                                                                                                                                     TYPE: DNA
343
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           50;
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                                         1 ATTAACACTCTCCCCTGTTGAAGCTCTTTGTGACGGGCGAACTCAGGCCC 50
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ATTAACACTCTCCCCTGTTGAAGCTCTTTGTGACGGGCGAACTCAGGCCC
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Pred. No. 2.5e-11;
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                                                                                                                       Length 357;
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RESULT 6 US-10-016-986-152/c : Sequence 152, Application US/10016986 ; Publication No. US20030187247A1

GENERAL INFORMATION:

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OTHER INFORMATION: Synthesized
FORTURE:
NAME/KEY: CDS
LOCATION: (9)...(716)
US-10-016-986-152
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CURRENT APPLICATION NUMBER: US/10/016,986
CURRENT FILING DATE: 2001-12-12
PRIOR APPLICATION NUMBER: US 09/149,898
PRIOR FILING DATE: 1998-09-08
PRIOR APPLICATION NUMBER: US 08/899,575
PRIOR FILING DATE: 1997-07-24
PRIOR FILING DATE: 1997-07-24
PRIOR FILING DATE: 1994-07-18
PRIOR FILING DATE: 1994-07-18
PRIOR APPLICATION NUMBER: US 08/178,302
PRIOR APPLICATION NUMBER: PCT/US93/09328
PRIOR APPLICATION NUMBER: PCT/US93/09328
PRIOR APPLICATION NUMBER: PCT/US93/09328
PRIOR APPLICATION NUMBER: PCT/US93/09328
PRIOR APPLICATION NUMBER: US 07/954,148
PRIOR FILING DATE: 1992-09-30
NUMBER OF SEQ ID NOS: 176
SOFTWARE: FREUSEQ for Windows Version 4.0
SEQ ID NO 168
LENGTH: 729
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LENGTH: 729
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                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: HUMAN NEUTRALIZING MONOCLONAL ANTIBODIES TITLE OF INVENTION: TO HUMAN IMMUNODEFICIENCY VIRUS FILE REFERENCE: 313.2CON.
CURRENT APPLICATION NUMBER: US/10/016,986
CURRENT FILING DATE: 2001-12-12
CURRENT FILING DATE: 2001-12-12
RFIOR APPLICATION NUMBER: US 09/149,898
PRIOR PILING DATE: 1998-09-08
PRIOR PILING DATE: 1998-09-08
PRIOR PILING DATE: 1997-07-24
PRIOR PILING DATE: 1997-07-24
PRIOR PILING DATE: 1997-07-24
PRIOR PILING DATE: 1997-07-24
                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: US 08/276,852
PRIOR FILING DATE: 1994-07-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Burton, Dennis R
APPLICANT: Barbas, Carlos F
APPLICANT: Lerner, Richard A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 176
SOFTWARE: FastSEQ for Windows Version 4.0
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APPLICANT: Lerner, Richard A
TITLE OF INVENTION: HUMAN NEUTRALIZING MONOCLONAL ANTIBODIES
TITLE OF INVENTION: TO HUMAN IMMUNODEFICIENCY VIRUS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Burton, Dennis R
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     blication No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPB: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                          APPLICATION NUMBER: US 08/178,302 FILING DATE: 1994-01-06 APPLICATION NUMBER: PCT/US93/09328 FILING DATE: 1993-09-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        717 ATTAACACTCTCCCCTGTTGAAGCTCTTTGTGACGGGCGAACTCAGGCCC 668
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RESULT 9
US-10-491-550A-19/c
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US-10-410-907A-1/c
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; OTHER INFORMATION: pMAB103
US-10-491-550A-19
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                                                                                                                                                                                                                                                                                                                Sequence 19, Application US/10491550A
Publication No. US20050130124A1
GRNERAL INFORMATION:
APPLICANT: Cangene Corporation
TITLE OF INVENTION: Phagemid Display System
                                                                                                                     SEQ ID NO 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 100.0%; Score 50;
Best Local Similarity 100.0%; Pred. No.
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                                                                                                                                  PRIOR FILING DATE: 2001-11-26
NUMBER OF SEQ ID NOS: 20
SOFTWARE: Patentin version 3.2
                                                                                                                                                                         FILE REFERENCE: 85128-903
CURRENT APPLICATION UNMBER: US/10/491,550A
CURRENT FILING DATE: 2004-04-02
PRIOR APPLICATION NUMBER: US 60/326984
PRIOR FILING DATE: 2001-10-05
PRIOR PLICATION NUMBER: US 60/332531
PRIOR FILING DATE: 2001-11-26
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CURRENT APPLICATION NUMBER: US/10/410,907A
CURRENT FILING DATE: 2003-04-08
PRIOR APPLICATION NUMBER: 60/371,610
PRIOR FILING DATE: 2002-04-09
NUMBER OF SEQ ID NOS: 36
SOFTWARE: FastSEQ for Windows Version 4.0
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APPLICANT: R. Anthony Williamson
APPLICANT: Gianluca Moroncini
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Gianluca Moroncini
TITLE OF INVENTION: MOTIF-GRAFTED HYBRID FOLYPEPTIDES
TITLE OF INVENTION: USES THEREOF
                                   TYPE: DNA
ORGANISM: Artificial
FEATURE:
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TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (9)...(715)
OTHER INFORMATION: IGG Fab b12- Light Chain
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                                                                                                LENGTH: 1440
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Pred. No. 4.2e-11;
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CURRENT APPLICATION NUMBER: US/10/492,729

CURRENT FILING DATE: 2004-04-15

PRIOR APPLICATION NUMBER: PCT/US02/33165

PRIOR FILING DATE: 2002-10-16

PRIOR APPLICATION NUMBER: 60/329,709

PRIOR FILING DATE: 2001-10-16

PRIOR FILING DATE: 2001-10-16

PRIOR FILING DATE: 2001-10-16

PRIOR FILING DATE: 2001-329,709

PRIOR FILING DATE: 2001-10-16

NUMBER OF SEQ ID NOS: 21

SOFTWARE: PatentIn version 3.2
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Best Local Similarity
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Publication No. US20040259075A1
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APPLICANT: Moulard, Maxime
APPLICANT: Xiao, Xiadong
                                                                               APPLICANT: BUTTON: Dennis
TITLE OF INVENTION: BROADLY CROSS-REACTIVE NEUTRALIZING ANTIBODIES AGAINST HUMAN
TITLE OF INVENTION: IMMUNODEFICIENCY VIRUS SELECTED BY ENV-CD4-CO-RECEPTOR COMPLEXES
FILE REFERENCE: 227062
FULL REFERENCE: 227062
FULL REFERENCE: US/10/492,729
CURRENT APPLICATION NUMBER: US/10/492,729
FULL REFERENCE: 2004-04-15
PRIOR APPLICATION NUMBER: PCT/US02/33165
PRIOR FILING DATE: 2002-10-16
PRIOR FILING DATE: 2002-10-16
PRIOR FILING DATE: 2002-10-16
                                                                                                                                                                                                                                                                                                                                   APPLICANT: Dimitrov, Dimiter S
APPLICANT: Moulard, Maxime
APPLICANT: Xiao, Xiadong
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TITLE OF INVENTION: BROADLY CROSS-REACTIVE NEUTRALIZING ANTIBODIES AGAINST HUMAN
TITLE OF INVENTION: IMMUNODEFICIENCY VIRUS SELECTED BY ENV-CD4-CO-RECEPTOR COMPLEXES
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                  PRIOR APPLICATION NUMBER: 60/329,709
PRIOR FILING DATE: 2001-10-16
NUMBER OF SEQ ID NOS: 21
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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PatentIn version 3.2
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Shu, Yuuei
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Zhang, Mei-Yun
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Zhang, Mei-Yun
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Pred. No. 5e-11;
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Pred. No. 5e-11;
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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-492-729-12
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US-10-491-550A-13/c
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; OTHER INFORMATION: pMAB29 US-10-491-550A-11
                                                                                                                                                                        APPLICANT: Cangene Corporation
TITLE OF INVENTION: Phagemid Display System
FILE REFERENCE: 85128-903
CURRENT APPLICATION NUMBER: US/10/491,550A
CURRENT FILING DATE: 2004-04-02
PRIOR APPLICATION NUMBER: US 60/326984
PRIOR FILING DATE: 2001-10-05
PRIOR APPLICATION NUMBER: US 60/332531
PRIOR FILING DATE: 2001-11-26
                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 13
US-10-491-550A-11/c
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US-10-491-550A-13
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PRIOR FILING DATE: 2001-10-05
PRIOR APPLICATION NUMBER: US 60/332531
PRIOR FILING DATE: 2001-11-26
NUMBER OF SEQ ID NOS: 20
SOFTWARE: Patentin version 3.2
SEQ ID NO 13
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                                                                                                                                                                                                                                                                                                                                                   Sequence 11, Application US/10491550A Publication No. US20050130124A1 GENERAL INFORMATION:
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Best Local (
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                                                                                               NUMBER OF SEQ ID NOS: 20
SOFTWARE: PatentIn version 3.2
SEQ ID NO 11
LENGTH: 2790
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Best Local Similarity
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TITLE OF INVENTION: Phagemid Display System
FILE REFERENCE: 85128-903
CURRENT APPLICATION NUMBER: US/10/491,550A
CURRENT FILLING DATE: 2004-04-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 2186
TYPE: DNA
ORGANISM: Artificial
                                        ORGANISM: Artificial FEATURE:
                                                                               TYPE: DNA
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Pred. No. 5.5e-11;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 50; DB 8;
Pred. No. 5e-11;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DB 9;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 2186
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APPLICANT: MACISO, Edwin L.
APPLICANT: MACISO, Edwin L.
TITLE OF INVENTION: ENDOTHELIASE-2 LIGANDS
FILE REFERENCE: 10280-065001
CURRENT APPLICATION NUMBER: US/10/916,758
CURRENT FILING DATE: 2004-08-12
PRIOR APPLICATION NUMBER: US 60/520,164
PRIOR FILING DATE: 2003-11-14
PRIOR FILING DATE: 2003-08-14
NUMBER OF SEQ ID NOS: 113
NUMBER OF SEQ ID NOS: 113
SOPTWARE: PASTSEQ for Windows Version 4.0
SEQ ID NO 17
LENGTH: 645
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
PEATURE:
P
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Publication No. US20050130124A1
GENERAL INFORMATION:
APPLICANT: Cangene Corporation
TITLE OF INVENTION: Phagemid Display System
FILE REFERENCE: 85128-903
CURRENT APPLICATION UNMBER: US/10/491,550A
CURRENT FILING DATE: 2004-04-02
PRIOR APPLICATION NUMBER: US 60/326984
PRIOR FILING DATE: 2001-10-05
PRIOR FILING DATE: 2001-11-26
NUMBER OF SEQ ID NOUSER: US 60/332531
PRIOR FILING DATE: 2001-11-26
NUMBER OF SEQ ID NOS: 20
SOFTWARE: PATENTIN VONSER: US 60/332531
PRIOR FILING DATE: 2001-11-26
NUMBER OF SEQ ID NOS: 20
SOFTWARE: PATENTIN VONSER: US 60/332531
PRIOR FILING DATE: 2001-11-26
NUMBER OF SEQ ID NOS: 20
SOFTWARE: PATENTIN VORSER: US 60/332531
PRIOR FILING DATE: 2001-11-26
NUMBER OF SEQ ID NOS: 20
SOFTWARE: PATENTIN VORSER: US 60/332531
PRIOR FILING DATE: 2001-11-26
NUMBER OF SEQ ID NOS: 20
SOFTWARE: PATENTIN VORSER: US 60/332531
PRIOR FILING DATE: 2001-11-26
NUMBER OF SEQ ID NOS: 20
SOFTWARE: PATENTIN VORSER: US 60/332531
PRIOR FILING DATE: 2001-11-26
NUMBER OF SEQ ID NOS: 20
SOFTWARE: PATENTIN VORSER: US 60/332531
PRIOR FILING DATE: 2001-11-26
NUMBER OF SEQ ID NOS: 20
SOFTWARE: PATENTIN VORSER: US 60/332531
PRIOR FILING DATE: 2001-11-26
NUMBER OF SEQ ID NOS: 20
SOFTWARE: PATENTIN VORSER: US 60/332531
PRIOR FILING DATE: 2001-11-26
NUMBER OF SEQ ID NOS: 20
SOFTWARE: PATENTIN VORSER: US 60/332531
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US-10-916-758-17/c
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US-10-491-550A-15/c
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                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Synthetically generated oligonucleotide
US-10-916-758-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; OTHER INFORMATION: pMAB77
US-10-491-550A-15
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Publication No. US20050180977A1
GENERAL INFORMATION:
APPLICANT: Nixon, Andrew
APPLICANT: Madison, Edwin L.
                                                                                                                                          Query Match 96.8%;
Best Local Similarity 98.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local &
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                                                                                                   Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
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Local Similarity 100.0%; Pred. No. 5.8e-11;
hes 50; Conservative 0; Mismatches 0; Indels (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  745 ATTAACACTCTCCCCTGTTGAAGCTCTTTGTGACGGCGAACTCAGGCCC 696
                                                                                              49; Conservative
1 ATTAACACTCTCCCCTGTTGAAGCTCTTTGTGACGGGCGAACTCAGGCCC 50
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 ATTAACACTCTCCCCTGTTGAAGCTCTTTGTGACGGGCGAACTCAGGCCC 50
                                                                                              0; Mismatches
                                                                                                                                      Score 48.4; DB 9;
Pred. No. 2e-10;
                                                                                         1; Indels
                                                                                                                                                                                       Length 645;
                                                                               0;
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643 ATTAACACTCTCCCCTGTTGAAGCTCTTTGTGACGGGCGAGCTCAGGCCC 594

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Search completed: February 12, 2006, 18:36:51 Job time: 604.361 secs

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Result
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Maximum Match 100%
Listing first 45 summaries
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Maximum DB seq length: 200000000
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Perfect score:
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                                                                                                                                                                                                                                                                                                                                    Score
      Published Applications NA New:*

1: /cgn2_6/prodata/1/pubpna/USO8_NEW_PUB.seq:*
2: /cgn2_6/prodata/1/pubpna/USO8_NEW_PUB.seq:*
3: /cgn2_6/prodata/1/pubpna/USO7_NEW_PUB.seq:*
4: /cgn2_6/prodata/1/pubpna/USO7_NEW_PUB.seq:*
5: /cgn2_6/prodata/1/pubpna/USO9_NEW_PUB.seq:*
6: /cgn2_6/prodata/1/pubpna/USO9_NEW_PUB.seq:*
7: /cgn2_6/prodata/1/pubpna/USO9_NEW_PUB.seq:*
9: /cgn2_6/prodata/1/pubpna/USO9_NEW_PUB.seq:*
9: /cgn2_6/prodata/1/pubpna/USO9_NEW_PUB.seq:*
10: /cgn2_6/prodata/1/pubpna/USO9_NEW_PUB.seq:*
11: /cgn2_6/prodata/1/pubpna/USO9_NEW_PUB.seq:*
12: /cgn2_6/prodata/1/pubpna/USO9_NEW_PUB.seq:*
13: /cgn2_6/prodata/1/pubpna/USO9_NEW_PUB.seq:*
                                                                                                                                                                                                                                                                                                                                  Query
Match
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Gapop 10.0 , Gapext 1.0
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128.916 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    6240305 segs, 449581930 residues
      attaacactctcccctgttg.....tgacgggcgaactcaggccc
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Copyright (c) 1993 - 2006 Biocceleration Ltd.
                                                                                                                                                                                                                                                                                                                                  Length
    1101
11125
11236
11236
11236
1720
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15391
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15679
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481
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      11111111111111111
 11 US-11-049-536-702
11 US-11-075-351-47
11 US-11-075-351-46
11 US-11-075-351-46
11 US-11-054-669-108
12 US-11-096-046-44
11 US-11-106-820-12
11 US-11-106-820-12
11 US-11-106-820-13
11 US-11-106-820-14
11 US-11-000-688-56
11 US-11-004-251-12
11 US-11-004-251-13
11 US-11-004-251-13
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Sequence 702, App Sequence 41, Appl Sequence 41, Appl Sequence 44, Appl Sequence 44, Appl Sequence 44, Appl Sequence 44, Appl Sequence 19, Appl Sequence 19, Appl Sequence 11, Appl Sequence 11, Appl Sequence 13, Appl Sequence 13, Appl Sequence 14, Appl Sequence 13, Appl Sequence 14, Appl Sequence 62, Appl Sequence 63, Appl Sequence 64, Appl Sequence 65, Appl Sequence 67, Appl Sequence 68, Appl Sequence 68, Appl Sequence 69, Appl Sequence 69, Appl Sequence 69, Appl Sequence 69, Appl Sequence 61, Appl Sequence 50, Appl Sequence 50, Appl Sequence 50, Appl
                                                                                                                                                                                                                                                                                                                                 Description
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Query Match Best Local Simi Matches 49; Matches 49; Qy 1 ATT Db 658 ATT	RESULT 1 US-11-049-536-702/c Sequence 702, Application US/; Publication No. US20060024297; GENERAL INFORMATION: APPLICANT: Wood, Clive R. APPLICANT: Deters, Henk APPLICANT: Heters, Henk APPLICANT: Heter, Rene APPLICANT: Heter, Simon B. TITLE OF INVENTION TIE COMP! FILE REFERENCE: 10280-128001 CURRENT APPLICATION NUMBER: US FRIOR APPLICATION NUMBER: US FRIOR APPLICATION NUMBER: US FRIOR FILING DATE: 2003-08-1; PRIOR APPLICATION NUMBER: US FRIOR FILING DATE: 2003-08-1; PRIOR APPLICATION NUMBER: US FRIOR FILING DATE: 2003-08-1; ROPTWARE: FASTURE JONG TYPE: DNA ORGANISM: Artificial Sequency FEATURE: OTHER INFORMATION: Antibody US-11-049-536-702		C C C C C C C C C C C C C C C C C C C
96.8% imilarity 98.0% ; Conservative artracacrerecers	36-702/c 702, Application US on No. US2006002429 NFORMATION: T: Wood, Clive R. T: Pieters, Henk T: Pieters, Henk T: Hoet, Rene T: NFORMATION: TIE COM ERENCE: 10280-12800 APPLICATION NUMBER: UPLICATION NU		
96.8% 98.0% ative TCCCCTG 	: 15210060024297A1 15210060024297A1 15210060024297A1 10N: Clive R. Complex US/10, Simon B. COMPLEX 10280-128001 ITIN NUMBER: US/10, MICHER: US/10, VICE 12004-08-12 N NUMBER: US 60/ TB: 2004-08-12 NOS: 721 NOS: 721 NOS: 721 Clicial Sequence CON: Antibody		600 1 642 1 702 1 705 1 705 1 708 1 708 1 708 1 708 1 717 1 71
; Score 48.4; DB 1 ; Pred. No. 3.4e-10 0; Mismatches TrngaAgcrCTTTTTTGACGGG	US/11049536 4297A1 Daniel T. k DE E E E E E E E E E E E E E E E E E E	ALIGNMENTS	1 US-11-136-527-7222 1 US-11-128-900-41 1 US-11-128-900-43 1 US-11-128-900-60 1 US-11-128-900-60 1 US-11-128-900-60 1 US-11-128-900-60 1 US-11-128-900-60 1 US-11-128-900-60 1 US-11-128-900-60 1 US-11-158-505-2 1 US-11-158-505-18 1 US-11-158-505-18 1 US-11-158-505-26 1 US-11-158-505-26 1 US-11-158-505-26 1 US-11-158-505-26 1 US-11-158-505-26 1 US-11-000-863-225 1 US-11-000-463-569 1 US-11-000-463-570 1 US-11-000-463-571 1 US-11-000-463-571 1 US-11-000-463-571 1 US-11-000-463-571
1; Length 660; ; Indels 0; Gaps 0; CGAACTCAGGCCC 50 [Sequence 7222, Appl Sequence 41, Appl Sequence 58, Appl Sequence 40, Appl Sequence 40, Appl Sequence 56, Appl Sequence 2, Appli Sequence 2, Appli Sequence 10, Appl Sequence 11, Appl Sequence 26, Appli Sequence 17, Appl Sequence 27, Appli Sequence 26, Appl Sequence 27, Appl Sequence 28, Appl Sequence 28, Appl Sequence 52, Appl Sequence 57, Appl Sequence 57, Appl Sequence 570, Appl Sequence 571, Appl Sequence 571, Appl Sequence 59, Appl Sequence 591, Appl Sequence 592, Appl Sequence 592, Appl Sequence 593, Appl Sequence 594, Appl Sequence 595, Appl Sequence 594, Appl

RESULT 2
US-11-075-351-37/c
US-11-075-351-37/c
; Sequence 37, Application US/11075351
; Publication No. US20050260716A1
; GENERAL INFORMATION:
; APPLICANT: MOORE, Margaret D.
; APPLICANT: Fox, Brian A.

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; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1).
US-11-075-351-41
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/11/075,351
CURRENT FILING DATE: 2005-03-08
NUMBER OF SEQ ID NOS: 63
SOPTWARE: FASUSEQ for Windows Version 4.0
SEQ ID NO 41
LENGTH: 1125
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                 RESULT 4
US-11-075-351-46/c
US-11-075-351-46/c
; Sequence 46, Application US/11075351
; Publication No. US20050260716A1
; GENERAL INFORMATION:
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US-11-075-351-41/c
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US-11-075-351-37
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CURRENT FILING DATE: 2005-03-08
NUMBER OF SEQ ID NOS: 63
SOPTWARE: PASUSEQ for Windows Version 4.0
SEQ ID NO 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches
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                                                                                                                                                                                                                                                                                                                                                                  Matches
                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
TITLE OF INVENTION: DIMERIC FUSION PROTEINS AND MATERIALS TITLE OF INVENTION: AND METHODS FOR PRODUCING THEM FILE REFERENCE: 02-16 CURRENT APPLICATION NUMBER: US/11/075,351 CURRENT FILING DATE: 2005-03-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: DIMERIC FUSION PROTEINS AND MATERIALS TITLE OF INVENTION: AND METHODS FOR PRODUCING THEM FILE REPERENCE: 02-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Moore, Marga APPLICANT: Fox, Brian
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: DIMERIC FUSION PROTEINS AND MATERIALS TITLE OF INVENTION: AND METHODS FOR PRODUCING THEM FILE REFERENCE: 02-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
NAME/KEY: CDS
LOCATION: (1).
                                                                                               APPLICANT: Moore, Margaret D. APPLICANT: Fox, Brian A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: DNA encoding fusion protein
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                                                                                                                                                                                                                                                                                   1125 TTAACACTCTCCCCTGTTGAAGCTCTTTGTGACGGGCGAGCTCAGGCCC 1077
                                                                                                                                                                                                                                                                                                                                                                  48;
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Pred. No. 9.7e-10;
0; Mismatches 1;
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; LOCATION: (914)..(1663)
US-11-054-669-108
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                                                                                                                                                                                                                              US-10-981-356A-44/c
                                                                                                                                                                                                                                                  RESULT 6
                                                                                                                                                                   Sequence 44, Application US/10981356A Publication No. US20060015952A1 GENERAL INFORMATION:
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SEQ ID NO 108
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SOPTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 46
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Best Local Similarity
Matches 48; Conserv
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: SUPER HUMANIZED ANTIBODIES FILE REFERENCE: 30219/US/3 CURRENT APPLICATION NUMBER: US/11/054,669 CURRENT FILLING DATE: 2005-02-08 PRIOR APPLICATION NUMBER: US 10/194,975 PRIOR PILLING DATE: 2002-07-12 PRIOR APPLICATION NUMBER: US 60/305,111 PRIOR APPLICATION NUMBER: US 60/305,111 PRIOR PILLING DATE: 2001-07-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRILUM FILING DATE: 2001-07-12
NUMBER OF SEQ ID NOS: 124
SOPTMANDS
APPLICANT: FILVAROFF, ELLEN H.
TITLE OF INVENTION: SCREENING ASSAYS AND METHODS
FILE REFERENCE: P2068R1
CURRENT APPLICATION NUMBER: US/10/981,356A
CURRENT FILING DATE: 2004-11-04
PRIOR APPLICATION NUMBER: US 60/520,398
PRIOR FILING DATE: 2003-11-13
PRIOR APPLICATION NUMBER: US 60/557,951
PRIOR APPLICATION NUMBER: US 60/557,951
PRIOR FILING DATE: 2004-03-31
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OTHER INFORMATION: DNA encoding
PEATURE:
NAME/KEY: CDS
LOCATION: (1)...(1236)
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                                                                                                                                                                                                                                                                                                           832 TTAACACTCTCCCCTGTTGAAGCTCTTTGTGACGGGGGAGCTCAGGCCC
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Pred. No. 1.1e-09;
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Pred. No. 1e-09;
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Sequence 21, Application US/11106820
Publication No. US20060002930A1
GENERAL INFORMATION:
APPLICANT: BRUNETTA, PAUL G
APPLICANT: SEWELL, KATHRYN L.
TITLE OF INVENTION: Treatment of Disorders
FILE REFERENCE: P2102R1
CURRENT APPLICATION NUMBER: US/11/106,820
CURRENT FILING DATE: 2005-04-15
PRIOR APPLICATION NUMBER: US 60/563,227
PRIOR APPLICATION NUMBER: US 60/563,227
PRIOR APPLICATION NUMBER: US 60/565,098
PRIOR APPLICATION NUMBER: US 60/565,098
PRIOR APPLICATION NUMBER: US 60/565,098
PRIOR PILING DATE: 2004-04-12
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                                                        NUMBER OF SEQ
SEQ ID NO 21
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SEQ ID NO 44
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APPLICANT: FILVAR
APPLICANT: MAO, WI
APPLICANT: PRESTA
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CUTRERT APPLICATION NUMBER: US/11/096,046
CURRENT FILING DATE: 2005-03-31
PRIOR APPLICATION NUMBER: US 60/558,290
PRIOR FILING DATE: 2004-03-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: PRESTA, LEONARD G.
APPLICANT: TEJADA, MAX L.
TITLE OF INVENTION: Humanized Anti-TGF-Beta
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ORGANISM: Homo sapiens
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                                    LENGTH:
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                                                                            ID NOS:
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98.0%;
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Pred. No. 1.4e-09;
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APPLICANT: SEWELL, KATHRYN L.
TITLE OF INVENTION: Treatment of Disorders
FILE REFERENCE: P2102R1
CURRENT APPLICATION NUMBER: US/11/106,820
CURRENT FILING DATE: 2005-04-15
PRIOR APPLICATION NUMBER: US 60/563,227
PRIOR APPLICATION NUMBER: US 60/565,098
PRIOR FILING DATE: 2004-04-16
PRIOR PILING DATE: 2004-04-22
NUMBER OF SEQ ID NOS: 45
SEQ ID NO 17
LENGTH: 5678
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION:
                                                         ; OTHER INFORMATION: sequence is synthesized US-11-106-820-17
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US-11-106-820-17/c
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CURRENT APPLICATION NUMBER: US/11/190,364
CURRENT FILING DATE: 2005-07-26
PRIOR APPLICATION NUMBER: US 60/434,115
PRIOR FILING DATE: 2002-12-16
PRIOR APPLICATION NUMBER: US 60/526,163
PRIOR PILING DATE: 2003-12-01
PRIOR APPLICATION NUMBER: PCT/US03/40426
PRIOR PILING DATE: 2003-12-16
PRIOR FILING DATE: 2003-12-16
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US-11-190-364-19/c
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PRIOR FILING DATE: 2005-06-07
NUMBER OF SEQ ID NOS: 38
SEQ ID NO 19
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Query Match
Best Local Similarity
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Best Local Similarity
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APPLICANT: SEWELL, KATHRYN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: Immunoglobulin Variants
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Adams ET AL.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Sequence is synthesized
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 5391
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1630
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1630 TTAACACTCTCCCCTGTTGAAGCTCTTTGTGACGGGCGAGCT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TTAACACTCTCCCCTGTTGAAGCTCTTTGTGACGGGCGAACTCAGGCCC 50
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
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94.8%;
98.0%;
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Pred. No. 1.4e-09;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 47.4;
Pred. No. 1.
Score 47.4;
Pred. No. 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Mismatches
 DB 11;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 5391;
                 Length 5678;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Indels
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Matches

48;

Conservative

<u>.</u>

Mismatches

۲,

Indels

0

Gaps

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APPLICANT: Adams ET AL.

PILE OF INVENTION: Immunoglobulin Variants and Uses Thereof
FILE REFERENCE: P1990R3C1P1

CURRENT APPLICATION NUMBER: US/11/190,364

CURRENT FILING DATE: 2005-07-26
PRIOR APPLICATION NUMBER: US 60/434,115
PRIOR FILING DATE: 2002-12-16
PRIOR APPLICATION NUMBER: US 60/526,163
PRIOR APPLICATION NUMBER: US 60/526,163
PRIOR PILING DATE: 2003-12-01
PRIOR APPLICATION NUMBER: PCT/US03/40426
PRIOR APPLICATION NUMBER: US 11/147,780
PRIOR APPLICATION NUMBER: US 11/147,780
PRIOR APPLICATION NUMBER: US 11/147,780
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US-11-190-364-16/c
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                                                                                                                                         US-11-190-364-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/11/106,820 CURRENT FILING DATE: 2005-04-15 PRIOR APPLICATION NUMBER: US 60/563,227 PRIOR ETLING DATE: 2004-04-16 PRIOR APPLICATION NUMBER: US 60/565,098 PRIOR FILING DATE: 2004-04-22 NUMBER OF SEQ ID NOS: 45 SEQ ID NO 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 16, Application US/11190364
Publication No. US20060024300A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 18, Application US/11106820 Publication No. US20060002930A1
                                                                                                                                                                                                                                     SEQ ID NO 16
LENGTH: 5678
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                                                              Matches
                                                                                 Query Match
Best Local :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
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APPLICANT: SEWELL, KATHRYN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: SEWELL, KATHRYN L.
TITLE OF INVENTION: Treatment of Disorders
FILE REFERENCE: P2102R1
                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial sequence
                                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                            OTHER INFORMATION: Sequence is chimeric
                                                                                                                                                                                FEATURE:
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                                                            Local Similarity
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TTAACACTCTCCCCCTGTTGAAGCTCTTTGTGACGGGCGAACTCAGGCCC
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                                                                             94.8%;
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Pred. No. 1.
                                                            Score 47.4; DB 11;
Pred. No. 1.4e-09;
0; Mismatches 1;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DB 11;
.4e-09;
                                                                                                 Length 5678;
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                                          RESULT 15
US-11-190-364-13/c
      Sequence 13, Application US/11190364 Publication No. US20060024300A1
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APPLICANT: SEWELL, KATHRYN L.

TITLE OF INVENTION: Treatment of Disorders
FILE REFERENCE: P2102R1

CURRENT APPLICATION NUMBER: US/11/106,820

CURRENT FILING DATE: 2005-04-15

PRIOR APPLICATION NUMBER: US 60/563,227

PRIOR FILING DATE: 2004-04-16

PRIOR APPLICATION NUMBER: US 60/565,098

PRIOR PILING DATE: 2004-04-22

NUMBER OF SEQ ID NOS: 45

SEQ ID NO 14

LENGTH: "-"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 14
US-11-106-820-14
US-11-106-820-14
; Sequence 14, Application US/11106820
; Publication US20060002930A1
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SEQ ID NO 13
LENGTH: 5679
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: BRUNETTA, PAUL G
APPLICANT: SEWELL, KATHRYN L.
APPLICANT: SEWELL, TRACEment of Disorders
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 13, Application US/11106820 Publication No. US20060002930A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
                                                                        Matches
                                                                                         Best Local Similarity
                                                                                                          Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/11/106,820 CURRENT FILING DATE: 2005-04-15 PRIOR APPLICATION NUMBER: US 60/563,227 PRIOR FILING DATE: 2004-04-16 PRIOR APPLICATION NUMBER: US 60/565,098 PRIOR FILING DATE: 2004-04-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILE REFERENCE: P2102R1
                                                                                                                                                                                                  ORGANISM: Artificial sequence
                                                                                                                                                                                                                     TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
                                                                                                                                                                    OTHER INFORMATION: sequence is synthesized
                                                                                                                                                                                   FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: sequence is synthesized
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4516 TTAACACTCTCCCCTGTTGAAGCTCTTTGTGACGGGCGAGCTCAGGCCC
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                                    2 TTAACACTCTCCCCTGTTGAAGCTCTTTGTGACGGGGGAACTCAGGCCC
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                                                                          Conservative
                                                                                         94.8%;
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                                                                        Score 47.4; DB 11;
Pred. No. 1.4e-09;
0; Mismatches 1;
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Pred. No. 1.4e-09;
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                                                                                                            Length 5679;
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Total number of hits satisfying chosen parameters:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Published Applications NA New:*

1: /cgm2_6/ptodata/1/pubpna/USO6_NEW_PUB.seq:*

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5: /cgm2_6/ptodata/1/pubpna/USO9_NEW_PUB.seq:*

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11: /cgm2_6/ptodata/1/pubpna/USO9_NEW_PUB.seq:*

12: /cgm2_6/ptodata/1/pubpna/USO9_NEW_PUB.seq:*
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33
1 tttgtcacaagatttgggctctgctttcttgtc
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128.916 Million cell updates/sec
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                   7 US-10-997-201A-3

11 US-11-139-499-3

12 US-11-139-499-7

SUS-10-886-383-5

SUS-10-886-383-5

11 US-11-165-141-14

SUS-10-493-909-19

SUS-11-128-061-18

SUS-11-128-061-3660

SUS-11-128-061-3660

SUS-11-128-049-360

SUS-11-128-049-360

SUS-11-128-049-360

SUS-11-128-049-360

SUS-11-128-049-360

SUS-10-981-356A-33

SUS-10-981-356A-33

SUS-10-981-356A-35

SUS-10-981-356A-37

SUS-11-986-046-33

SUS-11-096-046-33

SUS-11-096-046-33
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Sequence 3, Appli
Sequence 1, Appli
Sequence 1, Appli
Sequence 7, Appli
Sequence 14, Appli
Sequence 19, Appli
Sequence 19, Appli
Sequence 18, Appli
Sequence 36(0, Appli
Sequence 31, Appli
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Sequence 35, Appli
Sequence 37, Appli
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                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 3, Application US/10997201A

Publication No. US20050249739A1

GENERAL INFORMATION:

APPLICANT: Marasco, Mayne

APPLICANT: Sui, Jianhua

TITLE OF INVENTION: Antibodies Against SARS-COV and Methods of Use

FILE REFERENCE: 20363-026

CURRENT APPLICATION NUMBER: US/10/997,201A

CURRENT FILING DATE: 2004-11-24

PRIOR APPLICATION NUMBER: 60/524,840

PRIOR FILING DATE: 2003-11-25

NUMBER OF SEQ ID NOS: 40

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 3

LENGTH: 987

TYPE: DNA

ORGANISM: Homo sapiens
               Sequence 3, Application US/11139499

Publication No. US20050260205A1

GENERAL INFORMATION:
APPLICANT: ANDERSON, DARRELL R.
APPLICANT: HANNA, NABIL
APPLICANT: HANNA, NABIL
APPLICANT: HEARD, CHERYL
TITLE OF INVENTION: INDENTIFICATION OF UNIQUE BINDING INT
TITLE OF INVENTION: CC-STIMULATORY ANTIGENS

PILE REFERENCE: 37003-275681
                                                                                                                                                                                                        RESULT 2
US-11-139-499-3/c
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US-10-997-201A-3/c
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     CURRENT APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                312 TrigicacaaGarrieGGCTCTGCTTCTTGTC 280
                                                                                                                                                                                                                                                                                                1 TTTGTCACAAGATTTGGGCTCTGCTTTCTTGTC 33
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1 US-11-080-587-5
1 US-11-172-320-7
1 US-11-173-969-7
1 US-10-981-356A-32
US-10-981-356A-36
US-10-981-356A-36
1 US-11-096-046-36
1 US-11-096-046-36
1 US-11-096-046-36
1 US-11-128-049-3650
1 US-11-128-049-3650
1 US-11-128-055-14
1 US-11-158-505-14
1 US-11-158-505-14
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1 US-11-158-505-14
1 US-11-158-505-30
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                                                                                                                                                                                                                                                                                                                                                                              Length 987;
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                                                     INTERACTIONS BETWEEN B7.1 AND B7.2
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Sequence 7, Appli
Sequence 7, Appli
Sequence 36, Appli
Sequence 36, Appl
Sequence 37, Appli
Sequence 38, Appl
Sequence 38, Appl
Sequence 36, Appl
Sequence 34, Appl
Sequence 34, Appl
Sequence 34, Appl
Sequence 34, Appl
Sequence 3650, Ap
Sequence 37, Appl
Sequence 14, Appl
Sequence 12, Appl
Sequence 12, Appl
Sequence 13, Appl
Sequence 14, Appl
Sequence 17, Appl
Sequence 18, Appli
Sequence 108, Appli
Sequence 520, App
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Use Thereof

Result

Query Match

Length

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0

Gaps

0

22111111111 987654321

222222222222222222

171111700001111111

1431 1431 1437 1990 990 1000 1312 13312 13341 13341 13341 13341 13341

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Scoring table: Sequence: Perfect score:

Gapop 10.0 , Gapext 1.0

Run

9

OM nucleic - nucleic search, using sw model

Copyright

PRIOR APPLICATION NUMBER: US/09/576,424
PRIOR FILING DATE: 2000-05-22
PRIOR PEPLICATION NUMBER: PCT/US97/19906
PRIOR FILING DATE: 1997-10-29
PRIOR PELICATION NUMBER: 08/746,361
PRIOR APPLICATION NUMBER: 08/746,361
PRIOR FILING DATE: 1996-11-08
PRIOR FILING DATE: 1995-06-07
PRIOR FILING DATE: 1995-06-07

CURRENT FILING DATE:

2005-05-31

US-11-139-499-3

TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (1)..(1428)

SEQ ID NO 3

ENGTH:

1431

NUMBER OF SEQ ID NOS: 12 SOFTWARE: PatentIn Ver. 2.1

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RESULT 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: BRAMS, PETER
APPLICANT: HEARD, CHERYL
TITLE OF INVENTION: INDENTIFICATION OF UNIQUE BINDING INT
TITLE OF INVENTION: CERTAIN ANTIBODIES AND THE HUMAN B7.
TITLE OF INVENTION: CO-STIMULATORY ANTIGENS
FILE REPERENCE: 37003-275681
CURRENT APPLICATION UNMBER: US/11/139,499
CURRENT FILING DATE: 2005-05-31
PRIOR APPLICATION NUMBER: US/11/139,499
PRIOR APPLICATION NUMBER: DOT/05/424
PRIOR APPLICATION NUMBER: DOT/US97/1906
PRIOR FILING DATE: 1997-10-29
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                                                                                                                                                                                                                                           ; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(1428)
US-11-139-499-11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 100.0%; Score 33; DB 11; Best Local Similarity 100.0%; Pred. No. 6.7e-05; Matches 33; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: PatentIn Ver. SEQ ID NO 11
                                                                                                                                                                                              Query Match
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                                                                                                                                                          Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: 08/746,361
PRIOR FILING DATE: 1996-11-08
PRIOR APPLICATION NUMBER: 08/487,550
PRIOR FILING DATE: 1995-06-07
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: ANDERSON, DARRELL R.
                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 12
                                                                                                                                                                                                                                                                                                                                ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                        ENGTH:
                                                                                                                                                                            Local
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                                                                                                                                                                            Similarity
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                                                                         TTTGTCACAAGATTTGGGCTCTGCTTTCTTGTC 721
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                                                                                                                                                   100.0%; So
100.0%; P
ative 0;
                                                                                                                                                        Score 33; DB 11;
Pred. No. 6.7e-05;
Mismatches 0;
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Sequence 5, Application US/10886383

publication No. US2006000571A1

publication No. La Roche Inc.

TITLE OF INVENTION: Antibodies against insulin-like ground the prince of INVENTION: Thereof

FILLE REFERENCE: 21695

FULLE REFEREN
                                                                                                                                                                                                                                                                              IENGTH: 990
TYPE: DNA
CORCANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (1)..(990)
US-10-886-383-5
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EENGTH: 1437

CRGANISM: Homo sapiens

FEATURE:

NAME/KEY: CDS

LOCATION: (1)...(1434)

US-11-139-499-7
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CCURRENT APPLICATION NUMBER: US/11/139,499

CURRENT FILING DATE: 2005-05-31

PRIOR APPLICATION NUMBER: US/576,424

PRIOR PILING DATE: 2000-05-22

PRIOR APPLICATION NUMBER: PCT/US97/19906

PRIOR FILING DATE: 1997-10-29

PRIOR PILING DATE: 1997-10-29

PRIOR PILING DATE: 1997-10-29

PRIOR FILING DATE: 1996-11-08

PRIOR PILING DATE: 1996-11-08

PRIOR PILING DATE: 1995-06-07

NUMBER OF SEQ ID NOS: 12

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 7

TENCETT. 1437
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Publication No. US2005026025A1

GENERAL INFORMATION:

APPLICANT: HANNA, NABIL

APPLICANT: HEARD, CHERYL

APPLICANT: HEARD, CHERYL

APPLICANT: HEARD, CHERYL

TITLE OF INVENTION: INDENTIFICATION OF UNIQUE BINDING
TITLE OF INVENTION: CO-STIMULATORY ANTIGENS

TITLE OF INVENTION: CO-STIMULATORY ANTIGENS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
Matches 33; Conserv
                                                                                                                                       Query Match
Best Local Similarity
Matches 31; Conserv
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315
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   TTTGTCACAAGATTTGGGCTCAACTTTCTTGTC
                                             TTTGTCACAAGATTTGGGCTCTGCTTTCTTGTC 33
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Pred. No. 0.0015;
0; Mismatches 2;
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Pred. No.
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US-11-165-141-14/c

Sequence 14, Application US/11165141 Publication No. US20050266485A1

GENERAL INFORMATION

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; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)...(990)
US-11-165-141-14
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FILE REFERENCE: 00-108
CURRENT APPLICATION NUMBER: US/11/165,141
CURRENT FILING DATE: 2005-06-23
PRIOR APPLICATION NUMBER: US/09/995,898
PRIOR PILING DATE: 2001-11-28
PRIOR APPLICATION NUMBER: US 60/253,561
PRIOR APPLICATION NUMBER: US 60/253,561
PRIOR FILING DATE: 2000-11-28
PRIOR APPLICATION NUMBER: US 60/267,211
PRIOR PILING DATE: 2001-02-07
NUMBER OF SEQ ID NOS: 50
SOFTWARE: FASESEQ for Windows Version 3.0
SEQ ID NO 14
LENGTH: 990
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                                                                                                                                                                        ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-493-909-19
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                                                                      Query Match
Best Local Similarity
Matches 31; Conserv
                                                                                                                                                                                                                                                                                                                      Sequence 19, Application US/10493909
Publication No. US20060015969A1
GENERAL INFORMATION:
APPLICANT: LARRICK, JAMES W.
APPLICANT: WYCOFF, KEITH L.
TITLE OF INVENTION: NOVEL IMMUNOADHESINS FOR TREATING AND PREVENTING TOXICITY
TITLE OF INVENTION: AND PATHOGEN-MEDIATED DISEASES
FILE REFERENCE: 41514-20004.01
CURRENT APPLICATION NUMBER: US/10/493,909
CURRENT FILING DATE: 2004-04-26
PRIOR APPLICATION NUMBER: WCT/US01/13932
PRIOR APPLICATION NUMBER: 60/200,298
PRIOR APPLICATION NUMBER: 60/200,298
PRIOR FILING DATE: 2000-04-28
UNIMEE CO. SEC. IN CO. 104-28
UNIMEE CO. 2007-04-28
UNIMEE CO. 2007-04-28
                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 101
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 19
LENGTH: 993
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Best Local
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315 TTTGTCACAAGATTTGGGCTCAACTTTCTTGTC 283
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              315 TTTGTCACAAGATTTGGGCTCAACTTTCTTGTC 283
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1 Similarity 93.9%;
31; Conservative
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                                      TTTGTCACAAGATTTGGGCTCTGCTTTCTTGTC 33
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                                                                                    Conservative
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Pred. No. 0.00
0; Mismatches
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Pred. No. 0.0015;
0; Mismatches
                                                                           DB 6; Length 993;
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RESULT 8
US-11-092-988-53/c
Sequence 53, Application US/11092988
Publication No. US20050260710A1
                                                                                                                                           ; TYPE: DNA
; ORGANISM: Homo
US-11-128-061-18
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; ORGANISM: Homo sapiens
US-11-092-988-53
                                                                       Query Match
                                                                                                                                                                                                SOFTWARE: PatentIn version 3.3
SEQ ID NO 18
LENGTH: 1312
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Sekisui Chemical Co., Ltd
APPLICANT: Suzuki, Kazuo
TITLE OF INVENTION: Methods for producing recombinant polyclonal immunoglobulins
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: PatentIn version 3.1
SEQ ID NO 53
LENGTH: 1000
                                                                     Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                             APPLICANT: BYOWN, Eugene L.
APPLICANT: Miller, Christopher P.
APPLICANT: Miller, Christopher P.
TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES RELATED TO OLIGONUCLEOTIDE ARRAYS
TITLE OF INVENTION: TO MONITOR GENE EXPRESSION
FILE REFERENCE: 01997.027701
CURRENT PEPLICATION NUMBER: US/11/128,061
CURRENT FILING DATE: 2005-05-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILE REFERENCE: SUZUKI35
CURRENT APPLICATION NUMBER: US/11/092,988
CURRENT FILING DATE: 2005-03-30
PRIOR APPLICATION NUMBER: UP 2004/104939
PRIOR FILING DATE: 2004-03-31
NUMBER OF SEQ ID NOS: 82
                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 7285
                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: US 60/570,425 PRIOR FILING DATE: 2004-05-11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              322 TTTGTCACAAGATTTGGGCTCAACTTTCTTGTC 290
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 TTTGTCACAAGATTTGGGCTCTGCTTTCTTGTC 33
TTTGTCACAAGATTTGGGCTCAACTTTCTTGTC 634
                               TTTGTCACAAGATTTGGGCTCTGCTTTCTTGTC
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Mounts, William
                                                                                                                                                                                                                                                                                                                                                                                                                                               Sinacore, Martin S.
Leonard, Mark W.
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                                                                     Conservative
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93.9%;
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                                                                                   Score 29.8; DB 1
Pred. No. 0.0016;
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Pred. No. 0.0015;
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                                                                     Mismatches
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                                                                                                        DB 11;
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RESULT 10
US-11-128-061-3660/c
US-11-128-061-3660/, Application US/11128061
; Publication No. US20060003958A1

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; Sequence 3660, Application US/11128049
                     RESULT 12
US-11-128-049-3660/c
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; SEQ ID NO 18
; LENGTH: 1312
; TYPE: DNA
; ORGANISM: Homo sapiens
US-11-128-049-18
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US-11-128-049-18/c
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SEQ ID NO 3660
SEQ ID NO 3680
TYPE: DNA
ORGANISM: Homo sapiens
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Best Local Similarity
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Best Local (
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Publication No.
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APPLICANT: Miller, Christopher P.
APPLICANT: Miller, Christopher P.
TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES RELATED TO OLIGONUCLEOTIDE ARRAYS
TITLE OF INVENTION: TO MONITOR GENE EXPRESSION
FILE REFERENCE: 01997.027701
FILE REFERENCE: 01997.027701
CURRENT FAPPLICATION NUMBER: US/11/128,061
CURRENT FILING DATE: 2005-05-11
PRIOR APPLICATION NUMBER: US 60/570,425
PRIOR FILING DATE: 2004-05-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Brown, Eugene L.
APPLICANT: Miller, Christopher P.
APPLICANT: Miller, Christopher P.
TITLE OF INVENTION: OLIGONUCLEOTIDE ARRAYS TO MONITOR GENE EXPRESSION AND METHODS FOR
TITLE OF INVENTION: WAKING AND USING SAME
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Melville, Mark W.
APPLICANT: Charlebois, Timo
APPLICANT: Mounts, William |
APPLICANT: Hann, Louane B.
                                                                                                                                                                                                                                                                                                                                                                                                          FILE REFERENCE: 01997.027700
CURRENT APPLICATION NUMBER: US/11/128,049
CURRENT FILING DATE: 2005-05-11
PRIOR APPLICATION NUMBER: US 60/570,425
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NUMBER OF SEQ ID NOS: 7285
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Mounts, William M.
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Leonard, Mark W.
Brown, Eugene L.
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Leonard, Mark W.
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Pred. No. 0.0016;
0; Mismatches 2;
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Pred. No. 0.0016;
0; Mismatches
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; LENGTH: 1312
; TYPE: DNA
; ORGANISM: Homo sapiens
US-11-128-049-3660
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US-10-981-356A-31/c
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RESULT 14
US-10-981-356A-33/c
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Publication No. US20060015952A1
GENERAL INFORMATION:
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PRIOR FILING DATE: 2004-03-31
NUMBER OF SEQ ID NOS: 45
SEQ ID NO 31
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Matches 31; Conserv
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APPLICANT: Miller, Christopher P.
APPLICANT: Miller, Christopher P.
TITLE OF INVENTION: OLIGONUCLEOTIDE ARRAYS TO MONITOR GENE EXPRESSION AND METHODS FOR
TITLE OF INVENTION: MAKING AND USING SAME
FILE REFERENCE: 01997.027700
CURRENT APPLICATION NUMBER: US/11/128,049
CURRENT FILING DATE: 2005-05-11
PRIOR APPLICATION NUMBER: US 60/570,425
PRIOR FILING DATE: 2004-05-11
NUMBER OF SEQ ID NOS: 7285
                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/10/981,356A CURRENT FILING DATE: 2004-11-04 PRIOR APPLICATION NUMBER: US 60/520,398 PRIOR FILING DATE: 2003-11-13
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: SCREENING ASSAYS AND METHODS OF TUMOR TREATMENT FILE REFERENCE: P2066R1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: FILVAROFF, ELLEN H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: PatentIn version 3.3
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                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Artificial sequence FEATURE:
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Leonard, Mark W.
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93.9%;
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Pred. No. 0.00
0; Mismatches
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Pred. No. 0.0016;
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Sequence 33, Application US/10981356A
Publication No. US20060015952A1
GENERAL INFORMATION:
APPLICANT: FILVAROFF, ELLEN H.
TITLE OF INVENTION: SCREENING ASSAYS AND METHODS OF TUMOR TREATMENT

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RESULT 15
US-10-981-355A-35/c
Sequence 35, Application US/10981356A
Publication No. US20060015952A1
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: SCREENING ASSAYS AND METHODS OF TUMOR TREATMENT
FILE REFERENCE: P2068R1
CURRENT APPLICATION NUMBER: US/10/981,356A
CURRENT FILING DATE: 2004-11-04
PRIOR APPLICATION NUMBER: US 60/520,398
PRIOR FILING DATE: 2003-11-13
PRIOR FILING DATE: 2004-03-31
PRIOR FILING DATE: 2004-03-31
VMMBER OF SEQ ID NO 35
LENGTH: 1341
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
COURSE OF TREATMENT ON SECUENCE is surfaced.
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CURRENT APPLICATION NUMBER: US/10/981,356A
CURRENT FILING DATE: 2004-11-04
PRIOR APPLICATION NUMBER: US 60/520,398
PRIOR FILING DATE: 2003-11-13
PRIOR FILING DATE: 2003-11-13
PRIOR FILING DATE: 2004-03-31
NUMBER OF SEQ ID NOS: 45
SEQ ID NO 33
LENGTH: 1341
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
COUNTY TURORMATTON: Command in surtherized
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Search completed: February 12, 2006, 18:50:47 Job time : 230.168 secs
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Best Local Similarity 93.5
Matches 31; Conservative
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                                                                                                                                                                                          Matches
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Local Similarity 93.9%; Pred. No. 0.0016;
hes 31; Conservative 0; Mismatches 2; Indels 0.
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93.9%; Pred. No. 0.0016;
tive 0; Mismatches 2; Indels 0;
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Maximum DB
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Perfect score:
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seq length: 2000000000
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1: /cgn2_6/ptodata/1/pubpna/US07_PUBCOMB.seq:*

2: /cgn2_6/ptodata/1/pubpna/US08_PUBCOMB.seq:*

3: /cgn2_6/ptodata/1/pubpna/US09A_PUBCOMB.seq:*

4: /cgn2_6/ptodata/1/pubpna/US09A_PUBCOMB.seq:*

5: /cgn2_6/ptodata/1/pubpna/US10A_PUBCOMB.seq:*

6: /cgn2_6/ptodata/1/pubpna/US10B_PUBCOMB.seq:*

7: /cgn2_6/ptodata/1/pubpna/US10B_PUBCOMB.seq:*

9: /cgn2_6/ptodata/1/pubpna/US10B_PUBCOMB.seq:*

9: /cgn2_6/ptodata/1/pubpna/US10B_PUBCOMB.seq:*

10: /cgn2_6/ptodata/1/pubpna/US10B_PUBCOMB.seq:*
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Match
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(c) 1993 - 2006 Biocceleration
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US-10-350-555-42
US-10-350-555-45
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US-10-625-047-43
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US-10-631-258-42
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US-10-986-780-11	US-10-986-780-3	US-10-291-532-11	US-10-291-532-3	US-10-124-807-11	US-10-124-807-3	US-10-073-138-6	US-10-073-138-2	US-10-124-905-11	US-10-124-905-3	US-09-948-429B-11	US-09-948-429B-3	US-09-758-173-11	US-09-758-173-3	US-10-325-698-19	US-10-325-698-17	US-10-384-356-19	US-10-384-356-17	US-09-335-697B-19	US-09-335-697B-17	US-09-740-002-19	US-09-740-002-17
1,	Sequence 3, Appl:	Sequence 11, Appl	Sequence 3, Appl:	Sequence 11, Appl	Sequence 3, Appli	Sequence 6, Appli	Sequence 2, Appli	Sequence 11, Appl	Sequence 3, Appli	Sequence 11, Appi	Sequence 3, Appl:	Sequence 11, App	Sequence 3, Appl.	Sequence 19, App.	Sequence 17, Appl	Sequence 19, Appl	Sequence 17, Appl	Sequence 19, Appl	Sequence 17, App.	•	Sequence 17, App.

ALIGNMENTS

RESULT 1 US-10-006-591-8

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Sequence 8, Application US/10006591
Publication No. US20030049731A1
GENERAL INFORMATION:
APPLICANT: Bowdish, Katherine S.
APPLICANT: Frederickson, Shana
APPLICANT: Lin, Ying-Chi
APPLICANT: Wild, Wartha
APPLICANT: Wild, Martha
APPLICANT: McWhitter, John
                                                                                                                          RESULT 2
US-10-006-591-9/c
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                                                                     Sequence 9, Application US/10006591 Publication No. US20030049731A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: ENGINEERED PLASMIDS AND THEIR USE FOR IN SITU PRODUCTION OF GENES FILE REFERENCE: 1087-3
CURRENT APPLICATION NUMBER: US/10/006,591
CURRENT FILING DATE: 2001-12-05
PRIOR APPLICATION NUMBER: 60/251,440
PRIOR FILING DATE: 2000-12-05
NUMBER OF SEQ ID NOS: 14
SOPTWARE: Patentin version 3.1
SEQ ID NO 8
LENGTH: 33
                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
Matches 33; Conserv
APPLICANT:
                               APPLICANT: Bowdish, Katherine S
APPLICANT: Frederickson, Shana
                                                                                                                                                                                                                                                                                                                                                                                IENGTH: 33
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                   TTTGTCACAAGATTTGGGCTCTGCTTTCTTGTC
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Lin, Ying-Chi
Renshaw, Mark
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CURRENT APPLICATION NUMBER: US/10/006,591

CURRENT FILING DATE: 2001-12-05

PRIOR APPLICATION NUMBER: 60/251,440

PRIOR FILING DATE: 2000-12-05

NUMBER OF SEQ ID NOS: 14

SOFTWARE: Patentin version 3.1

SEQ ID NO 9

LENGTH: 59

TYPE: DNA

ORGANISM: Artificial Sequence

PEATURE: ONATTION: Description of Artificial Sequence: duplexing oligo

FEATURE: THEORMATION: Description of Artificial Sequence: duplexing oligo
RESULT 4
US-10-350-555-42/c
; Sequence 42, Application US/10350555
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US-10-006-591-10
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SEQ ID to 10
LENGTH: 59
TYPE: DNA
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Best Local Similarity
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CURRENT FILING DATE: 2001-12-05
PRIOR APPLICATION NUMBER: 60/251,440
PRIOR FILING DATE: 2000-12-05
NUMBER OF SEQ ID NOS: 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Renshaw, Mark
APPLICANT: Wild, Martha
APPLICANT: MCWhitter, John
TITLE OF INVENTION: ENGINEERED PLASMIDS AND THEIR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Bowdish,
APPLICANT: Frederi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: ENGINEERED PLASMIDS AND THEIR USE FOR IN SITU PRODUCTION OF GENES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILE REFERENCE: 1087-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: misc_feature LOCATION: (11)...(11) OTHER INFORMATION: n is
                                                                                                                                                                                                                                         NAME/KEY: misc_feature
LOCATION: (53)..(53)
OTHER INFORMATION: n is a or
                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: Description of Artificial Sequence: duplexing oligo
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Renshaw, Mark
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Pred. No. 0.00069;
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Pred. No.
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                                   RESULT 6
US-10-350-555-44/c
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SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 42
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Publication No. US20040146934A1
GENERAL INFORMATION:
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SEQ ID NO 43
LENGTH: 681
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Sequence 44, Application US/10350555
Publication No. US20040146934A1
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Best Local (
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APPLICANT: The Regents of the University of California
TITLE OF INVENTION: Multi-Functional Antibodies
FILE REFERENCE: 023070-130900US
CURRENT APPLICATION NUMBER: US/10/350,555
CURRENT FILING DATE: 2003-01-23
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APPLICANT: Corneillie, Todd
APPLICANT: The Regents of the University of California
TITLE OF INVENTION: Multi-Functional Antibodies
FILE REFERENCE: 02307-130900US
CURRENT EPPLICATION NUMBER: US/10/350,555
CURRENT FILING DATE: 2003-01-23
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APPLICANT: Corneillie, T
APPLICANT: The Regents o
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT FILING DATE: 2003-01-23 NUMBER OF SEQ ID NOS: 72
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: Description of Artificial Sequence:native cloned OTHER INFORMATION: chimeric murine 2D12.5 heavy chain variable region other INFORMATION: (VH) fused to human anti-tetanus toxin antibody OTHER INFORMATION: CH1 heavy chain constant region (TTCH)
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100.0%; Pred. No. 0.00099;
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Pred. No. 0.00099;
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GENERAL INFORMATION:

APPLICANT: Meares, Claw APPLICANT: Corneillie,

Claude

The Regents of the University of California

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US-10-350-555-46/c

| Sequence 46, Application US/10350555 | Publication No. US20040146934A1 | GENERAL INFORMATION:
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; Sequence 45, Application US/10350555
; Publication No. US20040146934A1
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CURRENT FILING DATE: 2003-01-23
NUMBER OF SEQ ID NOS: 72
SOPTWARE: Patentin Ver. 2.1
SEQ ID NO 44
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APPLICANT: Meares, Claude
APPLICANT: Corneillie, Todd
APPLICANT: The Regents of the University of California
TITLE OF INVENTION: Multi-Functional Antibodies
FILE REFERENCE: 023070-130900US
CURRENT APPLICATION NUMBER: US/10/350,555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Meares, Claude
APPLICANT: Corneillie, Todd
APPLICANT: The Regents of the University of California
TITLE OF INVENTION: Multi-Functional Antibodies
FILE REFERENCE: 023070-130900US
CURRENT APPLICATION NUMBER: US/10/350,555
CURRENT FILING DATE: 2003-01-23
NUMBER OF SEQ ID NOS: 72
SOFTWARE: Patentin Ver. 2.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: Description of Artificial Sequence:N87D G54C OTHER INFORMATION: cloned mutant chimeric murine 2D12.5 heavy chain OTHER INFORMATION: variable region (VH) fused to human anti-tetanus OTHER INFORMATION: toxin antibody CHI heavy chain constant region OTHER INFORMATION: (TTCH)
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100.0%; Pred. No. 0.00099;
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Pred. No. 0.00099;
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Sequence 42, Application US/10625047

Sequence 42, Application US/10625047

Publication No. US20040198962A1

GENERAL INFORMATION:

APPLICANT: Meares, Claude

APPLICANT: Corneillie, Todd

APPLICANT: The Regents of the University of California

FILE REFERENCE: 023070-130910US

CURRENT APPLICATION NUMBER: US/10/625,047

CURRENT APPLICATION NUMBER: US/10/625,047

PRIOR APPLICATION NUMBER: 3003-07-22

PRIOR APPLICATION NUMBER: 3003-07-23

PRIOR FILING DATE: 2003-01-23

NUMBER OF SEQ ID NOS: 72
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APPLICANT: Meares, Claude
APPLICANT: Corneillie, Todd
APPLICANT: The Regents of the University of Califo
TITLE OF INVENTION: Multi-Functional Antibodies
FILE REFERENCE: 023070-130900US
CURRENT APPLICATION NUMBER: US/10/350,555
CURRENT FILING DATE: 2003-01-23
NUMBER OF SEQ ID NOS: 72
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 47
SEQ ID NO 47
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US-10-350-555-47/c
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Best Local Similarity 1vv.
33; Conservative
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NUMBER OF SEQ ID NOS: 72
SOFTWARE: PatentIn Ver. 3
SEQ ID NO 46
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Publication No. US20040146934A1
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Best Local Similarity
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TYPE: DNA

ORGANISM: Artificial Sequence

PRATURE:

OTHER INFORMATION: Description of Artificial Sequence:N87D G55C

OTHER INFORMATION: cloned mutant chimeric murine 2D12.5 heavy chain

OTHER INFORMATION: variable region (VH) fused to human anti-tetanus

OTHER INFORMATION: toxin antibody CH1 heavy chain constant region

OTHER INFORMATION: (TTCH)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: Description of Artificial Sequence: chimeric murine OTHER INFORMATION: 2D12.5 heavy chain variable region (VH) fused to OTHER INFORMATION: anti-tetanus toxin anti-doy CH1 heavy chain OTHER INFORMATION: constant region (TTCH) expected sequence
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Pred. No. 0.00099;
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Pred. No. 0.00099;
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GENERAL INFORMATION:

APPLICANT: Meares, Claude
APPLICANT: Corneillie, Todd
APPLICANT: The Regents of the University of California
TITLE OF INVENTION: Multi-Functional Antibodies
FILE REFERENCE: 023070-130910US
CURRENT APPLICATION NUMBER: US/10/625,047
CURRENT FILING DATE: 2003-07-22
FRIOR APPLICATION NUMBER: US 10/350,555
PRIOR PILING DATE: 2003-01-23
NUMBER OF SEQ ID NOS: 72
SOFTWARE: Patentin Ver. 2.1
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SEQ ID NO 42
LENGTH: 681
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Best Local (
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             APPLICANT: Meares, Claude
APPLICANT: Corneillie, Todd
APPLICANT: The Regents of the University of California
APPLICANT: The Regents of the University of California
TITLE OF INVENTION: Multi-Functional Antibodies
FILE REFERENCE: 023070-130910US
CURRENT APPLICATION NUMBER: U$/10/625,047
CURRENT FILING DATE: 2003-07-22
PRIOR APPLICATION NUMBER: U$ 10/350,555
PRIOR FILING DATE: 2003-01-23
NUMBER OF SEQ ID NOS: 72
  SOFTWARE:
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OTHER INFORMATION: Description of Artificial Sequence:N87D cloned
OTHER INFORMATION: mutant chimeric murine 2D12.5 heavy chain variable
OTHER INFORMATION: region (VH) fused to human anti-tetanus toxin
OTHER INFORMATION: antibody CH1 heavy chain constant region (TTCH)
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TYPE: DNA
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1 Similarity 100.0%;
33; Conservative 0
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PatentIn Ver. 2.1
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Pred. No. 0.0
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Pred. No. 0.00099;
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Sequence 46, Application US/10625047

Publication No. US20040198962A1

GENERAL INFORMATION:
APPLICANT: Meares, Claude
APPLICANT: The Regents of the University of California TITLE OF INVENTION: Walti-Functional Antibodies
FILE REFERENCE: 023070-130910US
CURRENT APPLICATION NUMBER: US/10/625,047

CURRENT FILING DATE: 2003-07-22
PRIOR APPLICATION NUMBER: US 10/350,555
PRIOR APPLICATION NUMBER: US 10/350,555
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SEQ ID NO 45
LENGTH: 681
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Publication No. US20040198962A1
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Best Local :
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APPLICANT: Cornellie, Todd
APPLICANT: The Regents of the University of California
APPLICANT: The Regents of the University of California
TITLS OF INVENTION: Multi-Functional Antibodies
FILE REFERENCE: 023070-130910US
CURRENT APPLICATION NUMBER: US/10/625,047
CURRENT FILING DATE: 2003-07-22
PRIOR APPLICATION NUMBER: US 10/350,555
PRIOR PILING DATE: 2003-01-23
NUMBER OF SEQ ID NOS: 72
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         100.0%; Score 33; DB 8; llarity 100.0%; Pred. No. 0.00099; Conservative 0; Mismatches 0;
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NUMBER OF

SEQ ID NOS:

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Sequence 47, Application US/10625047

Publication No. US20040198962A1

GENERAL INFORMATION:
APPLICANT: Meares, Claude
APPLICANT: The Regents of the University of California
APPLICANT: The Regents of the University of California
TITLE OF INVENTION: Multi-Functional Antibodies
FILS REFERENCE: 023070-130910US
CURRENT APPLICATION NUMBER: US/10/625,047
CURRENT FILING DATE: 2003-07-22
PRIOR APPLICATION NUMBER: US 10/350,555
PRIOR APPLICATION NUMBER: US 10/350,555
PRIOR APPLICATION DATE: 2003-01-23
NUMBER OF SEQ ID NOS: 72
SOPTWARE: Patentin Ver. 2.1
SECTION OF ATTENTION OF THE PROPERTY OF 
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TYPE: DNA
TYPE: DNA
ORGANISM: Artificial Sequence
PERTURE:
PERTURE:
OTHER INFORMATION: Description of Artificial Sequence:chimeric murine
OTHER INFORMATION: 2D12.5 heavy chain variable region (VH) fused to
OTHER INFORMATION: human anti-tetanus toxin antibody CH1 heavy chain
OTHER INFORMATION: constant region (TTCH) expected sequence
US-10-625-047-47
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ORGANISM: Artificial Sequence
ORGANISM: Artificial Sequence
FEATURE:
PEATURE:
OTHER INFORMATION: Description of Artificial Sequence:N87D G55C
OTHER INFORMATION: cloned mutant chimeric murine 2D12.5 heavy chain
OTHER INFORMATION: variable region (VH) fused to human anti-tetanus
OTHER INFORMATION: toxin antibody CH1 heavy chain constant region
OTHER INFORMATION: (TTCH)
US-10-625-047-46
Search completed: February 12, 2006, 18:36:52 Job time : 399.219 secs
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2: /cgn2_6/ptodata/l/ina/5_COMB.seq:*

3: /cgn2_6/ptodata/l/ina/6A_COMB.seq:*

4: /cgn2_6/ptodata/l/ina/6B_COMB.seq:*

5: /cgn2_6/ptodata/l/ina/PCTUS_COMB.seq:*

6: /cgn2_6/ptodata/l/ina/PCTUS_COMB.seq:*

7: /cgn2_6/ptodata/l/ina/PCOMB.seq:*

8: /cgn2_6/ptodata/l/ina/RE_COMB.seq:*

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(c) 1993 - 2006 Biocceleration Ltd.
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Sequence 43	Sequence 43	Sequence 7,	Sequence 11	Sequence 3,	Sequence 19	Sequence 17	Sequence 19	Sequence 17												
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ALIGNMENTS

COMPUTER: IBM PC COMPATIBLE COMPUTER: IBM PC COMPATIBLE OPERATING SYSTEM: PC-DOS/MS-DOS SOPTWARE: PATENTIN Release #1.0, Version #1. CURRENT APPLICATION NOTA: APPLICATION NUMBER: US/08/300,386A FILING DATE: 02-SEP-1994 CLASSIFICATION: 435 PRIOR APPLICATION DATA: APPLICATION NUMBER: US 08/174,674 FILING DATE: 28-DEC-1993 PRIOR APPLICATION NUMBER: US 07/826,623 PRIOR APPLICATION NUMBER: US 07/826,623 PRIOR APPLICATION NUMBER: US 07/954,148 APPLICATION NUMBER: US 07/954,148 APPLICATION NUMBER: US 07/954,148 FILING DATE: 30-SEP-1992 PRIOR APPLICATION DATA: APPLICATION NUMBER: US 08/012,566 FILING DATE: 02-FEB-1993 ATTORNEY/AGENT INFORMATION: NAME: Fitting Thomas GENERAL INFORMATION: APPLICANT: Barbas, Carlos F,III APPLICANT: Burton, Dennis R APPLICANT: Lerner, Richard A APPLICANT: Lerner, Richard A TITLE OF INVENTION: METHODS FOR PRODUCING ANTIBODY LIBRARIES TITLE OF INVENTION: USING UNIVERSAL OR RANDOMIZED IMMUNOGLOBULIN LIGHT CHAINS TELEFAX: 619-554-6 INFORMATION FOR SEQ ID ZIP: 92037 COMPUTER READABLE FORM: MEDIUM TYPE: Floppy NAMB: Fitting, Thomas REGISTRATION NUMBER: 34,163 REFERENCE/DOCKET NUMBER: TSE TELECOMMUNICATION INFORMATION: NUMBER OF SEQUENCES: 7 CORRESPONDENCE ADDRESS: STREET: 100. CTTY: La Jolla TELEPHONE: ADDRESSEE: Application US/08300386A 10666 No. USA 619-554-6312 619-554-2937 The Scripps Research Institute Floppy disk TSRI 409.1 #1

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US-08-931-645-1/c
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                                                                  TELEFAX: 619-554-6312
INFORMATION FOR SEQ ID NO:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.
CURRENT APPLICATION DATA:
SEQUENCE CHARACTERISTICS:
LENGTH: 687 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Barbas, Carlos F,1
APPLICANT: Burton, Dennis R
APPLICANT: Lerner, Richard A
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                                                                                                    TELEPHONE: 619-554-2937
                                                                                                                                  FILING DATE: 02-FEB-1993
ATTORNEY/AGENT INFORMATION:
NAME: Fitting, Thomas
REGISTRATION NUMBER: 34,163
REFERENCE/DOCKET NUMBER: TS
                                                                                                                                                                                                                                        APPLICATION NUMBER: US 07/954,148 FILING DATE: 30-SEP-1992 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                         FILING DATE: 28-DEC-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0:
FILING DATE: 27-JAN-1992
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TITLE OF INVENTION:
NUMBER OF SEQUENCES:
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ANTI-SENSE: 1
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                                                                                                                                                                                                 APPLICATION NUMBER: US UN DATE: 02-FEB-1993
                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 02-SEP-1994
APPLICATION NUMBER: US 08/174,674
                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: La Jolla
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                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER:
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The Scripps Research Institute

10666 No. 6096551th Torrey Pines Road, TPC8
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USING UNIVERSAL OR RANDOMIZED IMMUNOGLOBULIN LIGHT CHAINS
                                                                                                                                                                                                                       US 08/012,566
                                                                                                                                                                                                                                                                                                                           US 07/826,623
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Pred. No. 3.9e-05;
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; Sequence 1, Application PC/TUS9401258
; GENERAL INFORMATION:
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US-08-931-645-1
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                                                                                                                                                                                                                                                                                                    RESULT 4
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                                                                                                                                                                                                                                       Sequence 1, Application PC/TUS9511235
GENERAL INFORMATION:
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Best Local Similarity
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Best Local Similarity
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FILING DATE: 02-FEB-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/012,566
FILING DATE: 02-FEB-1993
PRIOR APPLICATION NUMBER: US 08/174,674
APPLICATION NUMBER: US 08/174,674
FILING DATE: 28-DEC-1993
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                     APPLICANT: THE SCRIPPS RESEARCH INSTITUTE
TITLE OF INVENTION: METHODS FOR PRODUCING ANTIBODY LIBRARIES
TITLE OF INVENTION: USING UNIVERSAL OR RANDOMIZED IMMUNOGLOBULIN LIGHT CHAINS
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HYPOTHETICAL:
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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                                                                                                                                                                      NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                          CITY: La Jolla
STATE: CA
                                                                                                              ADDRESSEE: The Scripps Research Institute STREET: 10666 North Torrey Pines Road, TPC8
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Pred. No. 3.9e-05;
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Pred. No. 3.9e-05;
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COMPUTER: IBM PC OPERATING SYSTEM:

IBM PC compatible SYSTEM: PC-DOS/MS-DOS

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RESULT 5
US-08-480-753-1/c
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PCT-US95-11235-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: TATGAN M.D., S
APPLICANT: VIGATICA Ph.D.,
TITLE OF INVENTION: METHO
TITLE OF INVENTION: PERIN
TITLE OF INVENTION: ULCER
TITLE OF INVENTION: TYPE
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Patent No. 5830675
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/174,674
PILING DATE: 28-DEC-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/826,623
FILING DATE: 27-JAN-1992
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APPLICATION NUMBER: US 07/
PILING DATE: 30-SEP-1992
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/
PILING DATE: 02-PEB-1993
ATTORNEY/AGENT INFORMATION:
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LENGTH: 687 base pairs
                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSES: Wendy A. Whiteford, EBG.
STREET: 444 South Flower Street, Suite 2000
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REGISTRATION NUMBER: 34,163
REFERENCE/DOCKST NUMBER: TS
TELECOMMUNICATION INFORMATION:
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APPLICATION NUMBER: US 00
PILING DATE: 02-SEP-1994
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MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
                                                                                                                                                                                                                              COUNTRY:
                                                                                                                                                                                                                                                                      CITY: Los Angeles
STATE: California
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TOPOLOGY: linear
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                                                                                                                                                                                                                                      USA
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Vldrich Ph.D., Alda M.
Vldrich Ph.D., Alda M.
VENTION: METHODS FOR SELECTIVELY DETECTING
VENTION: PERINUCLEAR ANTI-NEUTROPHIL CYTOPLASMIC ANTIBODY OF
VENTION: ULCERATIVE COLITIS, PRIMARY SCLEROSING CHOLANGITIS,
VENTION: TYPE I AUTOIMMUNE HEPATITIS
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Pred. No. 3.9e-05;
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       Version #1.25
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TELEPAX: (213)
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 622-7700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TISSUE TYPE: Gut-assoc
CELL TYPE: Lymphocyte
IMMEDIATE SOURCE:
CLONE: 5-3
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**DDI.TCATTON NUMBER: US/08/480,753
                                                                                           NAME/KEY: misc RNA
LOCATION: 301.327
OTHER INFORMATION:
OTHER INFORMATION:
OTHER INFORMATION:
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LOCATION: 1..699
OTHER INFORMATION:
OTHER INFORMATION:
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                                                                  FEATURE:
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LOCATION: 154.204
OTHER INFORMATION:
OTHER INFORMATION:
OTHER INFORMATION:
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LOCATION: 97..Ill
OTHER INFORMATION:
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LOCATION: 205..300
OTHER INFORMATION:
OTHER INFORMATION:
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LOCATION: 112..153
OTHER INFORMATION:
OTHER INFORMATION:
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STRANDEDNESS: dou...
Circular
NAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/0
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
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LOCATION: 1..15
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STRANDEDNESS: double
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misc_RNA
328..360
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                                                                                /label= CDR3 refers to Complimentarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                               /label= CDR2 /note= ""CDR2" refers to Complimentarity
                                                                                                                                                                                                                                                                                                  /label= FR3 refers to Framework Region
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/note= ""FR2" refers to Framework Region
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/product= "Human Heavy Chain of IgG ANCA
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RESULT 6
US-09-041-889-8/c
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Best Local S
Matches 33
                                                                                                                                    Patent No. 6033864
GENERAL INFORMATION:
                                                                                                                                                   Sequence 8, Application US/09041889 Patent No. 6033864
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OTHER INFORMATION: /.
OTHER INFORMATION: /n
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OTHER INFORMATION: th
                                     APPLICANT: Braun, Jonathan
APPLICANT: Cohavy, Offer
TITLE OF INVENTION: Diagnosi
TITLE OF INVENTION: Ulcerati
TITLE OF INVENTION: Microbia
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
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NAME/KEY:
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LOCATION: 652..678
OTHER INFORMATION:
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LOCATION: 16.360
OTHER INFORMATION:
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LOCATION: 316..360
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LOCATION: 301..315
OTHER INFORMATION: OTHER INFORMATION:
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LOCATION: 679..699
OTHER INFORMATION:
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OTHER INFORMATION:
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STREET:
CITY: 9
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San Diego
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           E: Campbell & Flores LLP
4370 La Jolla Village Drive,
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361..651
                                                                  Ulcerative
Microbial U
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                                                                Diagnosis, Prevention and Treatment of Ulcerative Colitis, and Clinical Subtypes Microbial UC pANCA antigens
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/note= ""CH1"
Heavy Chain"
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/note= "
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/note= "
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/note= ""D"
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/note= ""FR4" refers
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/note= ""JH"
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/note= ""Hinge" refers to Partial Hinge Segment of
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Pred. No. 4e-
0; Mismatches
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              Suite 700
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RESULT 7
US-08-837-058-8/c
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APPLICANT: Braun, Stepha
APPLICANT: Targan, Stepha
APPLICANT: Eggena, Mark
TITLE OF INVENTION: Diagn
TITLE OF INVENTION: Ulcer
TITLE OF INVENTION: Histo
                                                                                                                                                                                                                                                                                                                                                                             Sequence 8, Application US/08837058 Patent No. 6074835
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PRIOR APPLICATION DATA:
APPLICATION UMBER: US 08/837,05
FILING DATB: 11-APR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION UMBER: 31,815
REFERENCE/DOCKET NUMBER: P-PM 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
TELEPAX: (619) 535-9949
INFORMATION FOR SEQ ID NO: 8:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, V
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/837,058
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LENGTH: 699 base pairs
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy
                                                                                                                                                  NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
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STRANDEDNESS: doub
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                                                                                                                                        COUNTRY:
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ilarity 100.0%;
Conservative 0
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                                                                                                                                                                                                                                                           Ulcerative
Histone H1
                                                                                                                                                                                                                                                                                            Diagnosis,
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chain"
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 US/08/837,058
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Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Mismatches
                                                                                                                                                                                                                                                                          Colitis,
                                                                                                                                                                                                                                                                            Prevention and Treatment of Colitis, and Clinical Subtypes Thereof, Using
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                3006
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                                     Version
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       - NANUC-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4e-05;
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                                      #1.25
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<u>,</u>

ATTORNEY/AGENT INFORMATION

FILING DATE: CLASSIFICATION:

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RESULT 8
US-09-417-264-8/c
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ATTORWAY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-PM
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9909
INFORMATION FOR SEQ ID NO: 8:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 699 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 8, Application US/09417264
Patent No. 6537768
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
COMPUTER: PM PC COMPATION
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTMARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/417,264
FILING DATE:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Braun, Jonathan
APPLICANT: Cohavy, Offer
TITLE OF INVENTION: Diagnosis, Prevention and Treatment of
TITLE OF INVENTION: Ulcerative Colitis, and Clinical Subtypes Thereof, Using
TITLE OF INVENTION: Microbial UC pANCA antigens
                                                                                                                                                                CLASSIFICATION:
PRIOR APPLICATION NUMBER: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION: TELEPHONE: (619) 535-9001
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OTHER INFORMATION: /notOTHER INFORMATION: cha:
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REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P.
                                                                                                                                                     FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET:
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                                                                                                                                                                                                                                                                                                                                                                                                              California
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4370 La Jolla Village Drive, Suite 700
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chain"
                                                                                                                                                                      US 09/041,889
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                                                                              P-PM 3006
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Patent No. 583067
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Best Local Similarity 100.0%;
Matches 33; Conservative 0
                                                                                                                                                                                                                                  TELEPHONE: (213) 622-770
TELEFAX: (211) 489-4210
INFORMATION FOR SEQ ID NO: 3
SEQUENCE CHARACTERISTICS:
LENGTH: 732 base pairs
                                                 MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
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NAME/KEY:
LOCATION:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,753
APPLICATION TORM: 07-TWN-100F
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Vadrich Ph.D., Stephan R.
APPLICANT: Vidrich Ph.D., Alda M.
TITLE OF INVENTION: METHODS FOR SELECTIVELY DETECTING
TITLE OF INVENTION: DERINGCLEAR ANTI-NEUTROPHIL CYTOPLASMIC ANTIBODY OF
TITLE OF INVENTION: ULCERATIVE COLITIS, PRIMARY SCLEROSING CHOLANGITIS, OR
TITLE OF INVENTION: TYPE I AUTOIMMUNE HEPATITIS
                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: PO
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
NAME: Whiteford, Wendy A.
REGISTRATION NUMBER: 36,9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSES: Wendy A. Whiteford, Esq.
STREET: 444 South Flower Street, Suite 2000
CITY: Los Angeles
STATE: California
TISSUE TYPE: Gut-assouce CELL TYPE: Lymphocyte IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
                                                                                                                                                                                          TYPE: nucleic acid
STRANDEDNESS: doub
                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
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OTHER INFORMATION: /notOTHER INFORMATION: cha.
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                                                                                                                                                                              TOPOLOGY:
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                                       Gut-associated lymphoid
                                                                                                                                                                                              double
                                                                                                                                                                                                                                                                                                                     622-7700
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chain"
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Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             red. No. 4e-05;
Mismatches
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LOCATION: 685.711
OTHER INFORMATION: /n
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FEATURE:
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OTHER INFORMATION: /.
OTHER INFORMATION: /.
FEATURE:
PEATURE:

NAME/KEY: misc RNA
LOCATION: 16..684
OTHER INFORMATION:
OTHER INFORMATION:
PEATURE:
NAME/KEY: misc_RNA
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LOCATION: 394.-684
OTHER INFORMATION:
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FEATURE:
NAME/KEY:
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NAME/KEY:
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LOCATION: 361..393
OTHER INFORMATION:
OTHER INFORMATION:
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NAME/KEY:
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LOCATION: 94..108
OTHER INFORMATION:
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LOCATION: 16..93
OTHER INFORMATION:
OTHER INFORMATION:
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OTHER INFORMATION:
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LOCATION: 298..360
OTHER INFORMATION:
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LOCATION: 202..297
OTHER INFORMATION:
OTHER INFORMATION:
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LOCATION: 151..201
OTHER INFORMATION:
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                                                                                                        NAME/KEY: misc_RNA
LOCATION: 712..732
OTHER INFORMATION:
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LOCATION:
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94..108
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1..15
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/product= "Human Heavy Chain of IgG ANCA
associated with UC"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /label= CDR2
/note= ""CDR2" refers to
Determining Region 2"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /label= CDR1 refers to /note= ""CDR1" refers to Determining Region 1"
                                                                                                                                                                                                                                                                                                                                                                                                                                          /label= CDR3 refers to Complimentarity Determining Region 3"
                                /label=
/note= "
                                                                                                                                                                                  /label= Hinge
/note= ""Hinge" refers to
the Heavy Chain"
                                                                                                                                                                                                                                                                             Heavy
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/note= ""FR2" refers to Framework Region 2"
                                                                                                                                                                                                                                                                                                                                                                  /label= FR4
/note= ""FR4"
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                                                                                                        /label= Hex-HTag refers to
                                                                                                                                                                                                                                                                                        /label= CH1
/note= ""CH1" refers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /label= FR3
/note= ""FR3" refers to Framework Region
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /note= ""FR1" refers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /product= "N-Terminal
                                                                                                                                                                                                                                                                             Chain"
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                                  refers to the
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                                                                                                            Hexahistidine Tag'
                                    of the Heavy Chain"
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Best Local Similarity
Matches 33; Conserv
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OTHER INFORMATION:
OTHER INFORMATION:
OTHER INFORMATION:
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: EDELMAN, LENA
APPLICANT: MAGGARITTE, CHRI
APPLICANT: KACZOREK, MICHEL
APPLICANT: CHABEHHI, HASSAN
MICHEL CORTINE CHABEHHI, HASSAN
                                                                        COMPUTER: IBM PC Compatible
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PSTEENT: Release #1.0, Ve
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/793,450
FILING DATE: 03-MAR-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NOMBER: FR 94/10566
FILING DATE: 02-SEP-1994
ATTORNEY/AGENT INFORMATION:
NAME: OBLOW, NORMAN F.
REGISTRATION NUMBER: 24,618
REGISTRATION NUMBER: 24,618
REGISTRATION NUMBER: 660-118-0
TELEFAX: 703-413-2220
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                             ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: CHAABIHI, HASSAN
TITLE OF INVENTION: MONOCLONAL RECOMBINANT ANTI-RHESUS
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PEATURE
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                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 2
                                              TELECOMMUNICATION INFORMATION: TELEPHONE: 703-413-3000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KBY: misc_RNA
LOCATION: 364.408
OTHER INFORMATION:
OTHER INFORMATION:
OTHER INFORMATION: 1
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LOCATION: 298..363
OTHER INFORMATION:
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                   COUNTRY: US
ZIP: 22202
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LOCATION:
                                                                                                                                                                                                                                                                                                                                                                                 STREET: 1755 SOUTH JEFFERSON DAVIS HIGHWAY, SUITE 400 CITY: ARLINGTON
                                                                                                                                                                                                                                                                                                                                                                    STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: OBLO
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/note= ""VHDOMAIN"
the Heavy Chain"
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/note= ""VHSEGMENT"
the Heavy Chain"
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/note= ""D" refers to Diversity Segment"
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Pred. No.
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MOLECULE TYPE: other nucleic acid FEATURE:

LENGTH: 1418 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear

NAME/KEY: LOCATION:

CDS 1..1418

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                                                                        TELEPAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 17
SEQUENCE CHARACTERISTICS:
LENGTH: 1428 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/488,376
FILING DATE: 07-JUN-1995
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Teskin, Robin L.
REGISTRATION NUMBER: 012712-150
TELEBONE: (703) 836-6620
TELEBHONE: (703) 836-6620
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NAME/KEY:
LOCATION:
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STREET: F.C.
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STREE
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NAME/KEY: mat_peptide
LOCATION: 58..1418
OTHER INFORMATION: /product= "IMMUNOGLOBIN, HEAVY
OTHER INFORMATION: CHAIN"
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MEDIUM TYPE: Floppy disk
COMPUTER: IRM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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APPLICANT: HEARD, Cheryl Janne
APPLICANT: NEWMAN, ROLAND Anthony
TITLE OF INVENTION: NEUTRALIZING HIGH APPINITY HUMAN
TITLE OF INVENTION: MONOCLONAL ANTIBODIES SPECIFIC TO RSV F-PROTEIN AND
TITLE OF INVENTION: METHODS FOR THEIR MANUFACTURE AND THERAPEUTIC USE THEREOF
    TOPOLOGY: 1: NOLECULE TYPE:
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ZIP: 22313-1404
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5811524
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CHAMAT, Soul
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DNA (genomic)
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US-08-488-376-17
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARB: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,376
FILING DATE: 07-JUN-1995
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Teskin, Robin L.
NAME: Teskin, Robin L.
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Best Local Similarity
Matches 33; Conserv
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TELEPAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 1428 base pairs
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APPLICANT: BRAMS, Peter
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APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                                                                                                           REGISTRATION NUMBER: 35,030
REFERENCE/DOCKET NUMBER: 01:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
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TITLE OF INVENTION: MCNOCLONAL ANTIBODIES SPECIFIC TO RSV F-PROTEIN AND
TITLE OF INVENTION: METHODS FOR THEIR MANUFACTURE AND THERAPEUTIC USE THEREOF
NUMBER OF SEQUENCES: 19
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                                                                                                                                                    NAME/KEY:
LOCATION:
                                                                                                                                                                                                                         LENGTH: 1428 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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                                                                   Local Similarity
les 33; Conserv
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                              1 TTTGTCACAAGATTTGGGCTCTGCTTTCTTGTC 33
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5811524
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TTTGTCACAAGATTTGGGCTCTGCTTTCTTGTC 718
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P.O. Box 1404
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NEWMAN, Roland Anthony
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                                                                   Conservative
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100.0%; Pr
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100.0%; Pred. No. 4.8e-05;
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                                                               Score 33; DB 2;
Pred. No. 4.8e-0;
Mismatches
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thes 0;
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RESULT 14
US-08-634-223-19/c
US-08-634-223-19/c
; Sequence 19, Application US/08634223
; Patent No. 5840298
; Patent No. 5840298
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; LOCATION:
US-08-634-223-17
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Best Local Similarity
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: PatentIn Release #1.0, V
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/634,223
FILING DATE:
CLASSIFICATION:
                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/488
APPLICATION NUMBER: US/08/488
PILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Teskin, Robin L.
REGISTRATION NUMBER: 35,030
REFERENCE/DOCKET NUMBER: 0127
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: WALSH, Edward E.

APPLICANT: HEARD, Cheryl Janne
APPLICANT: NEWMAN, Roland Anthony
TITLE OP INVENTION: NEUTRALIZING HIGH AFFINITY HUMAN
TITLE OF INVENTION: MONOCLONAL ANTIBODIES SPECIFIC TO
TITLE OF INVENTION: METHODS FOR THEIR MANUFACTURE AND
APPLICANT: WALSH, Edward E.
APPLICANT: HEARD, Cheryl Janne
APPLICANT: NEWMAN, Roland Anthony
TITLE OF INVENTION: NEUTRALIZING HIGH AFFINITY HUMAN
                                                           APPLICANT:
                                                                                               APPLICANT:
APPLICANT:
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CORRESPONDENCE ADDRESS:
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STREET: P.O. Box
CITY: Alexandria
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TELEFAX: (703) 83
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                        750 TTTGTCACAAGATTTGGGCTCTGCTTTCTTGTC 718
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                                                                                                                                                                                                                                                                                              1 TTTGTCACAAGATTTGGGCTCTGCTTTCTTGTC 33
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22313-1404
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5840298
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P.O. Box 1404
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1..1428
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                                                                         PAN, Li-Zhen
                                                                                               CHAMAT,
                                                                                                                   BRAMS, Peter
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DNA (genomic)
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836-2021
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100.0%; Po
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Pred. No. 4.8e-05;
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US-08-634-224-17/c
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: BRAMS, Peter
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08
APPLICATION UNMBER: US/08
PILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 1428 base pair
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
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TITLE OF INVENTION:
NUMBER OF SEQUENCES:
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APPLICANT: HEARD, Cheryl Janne
APPLICANT: NEWMAN, Roland Anthony
TITLE OF INVENTION: NEUTRALIZING F
TITLE OF INVENTION: MONOCLONAL ANT
TITLE OF INVENTION: METHODS FOR TH
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APPLICANT: PAN, Li-Zhen
                                                                                NUMBER OF SECTION OF STREET OF STREET OF MAINIS
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                                   STREET: P.O. Box
CITY: Alexandria
STATE: Virginia
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TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER:
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COUNTRY: United States ZIP: 22313-1404
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         750 TTTGTCACAAGATTTGGGCTCTGCTTTCTTGTC 718
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       33; Conservative
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P.O. Box 1404
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                                                                                                                                                            NEUTRALIZING HIGH AFFINITY HUMAN
MONOCLONAL ANTIBODIES SPECIFIC TO RSV F-PROTEIN AND
METHODS FOR THEIR MANUFACTURE AND THERAPEUTIC USE THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          100.0%; Score 33; DB 2; 100.0%; Pred. No. 4.8e-05;
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MEDIUM TYPE: Ploppy disk
COMPUTER: IEM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARED FACENTIA Release #1.0, Version #1.30
CURRENT APPLICATION NATA:
APPLICATION NUMBER: US/08/634,224
PRILING DATE:
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Result
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Maximum Match 100%
Listing first 45 summaries
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Maximum DB seq length: 2000000000
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Perfect score:
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re greater than or equal to the score of the result being printed,
is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Published Applications NA New:*

1: /cgn2_6/prodata/1/pubpna/US08_NEW_PUB.seq:*

2: /cgn2_6/prodata/1/pubpna/US06_NEW_PUB.seq:*

3: /cgn2_6/prodata/1/pubpna/US07_NEW_PUB.seq:*

4: /cgn2_6/prodata/1/pubpna/PCT_NEW_PUB.seq:*

5: /cgn2_6/prodata/1/pubpna/US10_NEW_PUB.seq:*

6: /cgn2_6/prodata/1/pubpna/US10_NEW_PUB.seq:*

7: /cgn2_6/prodata/1/pubpna/US10_NEW_PUB.seq:*

8: /cgn2_6/prodata/1/pubpna/US11_NEW_PUB.seq:*

9: /cgn2_6/prodata/1/pubpna/US11_NEW_PUB.seq3:*

10: /cgn2_6/prodata/1/pubpna/US11_NEW_PUB.seq3:*

11: /cgn2_6/prodata/1/pubpna/US11_NEW_PUB.seq3:*

12: /cgn2_6/prodata/1/pubpna/US11_NEW_PUB.seq3:*
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Match
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                                                                                                                                                                                                                                                                                                                                                                                                            Length
       GenCore version 5.1.7 (c) 1993 - 2006 Biocceleration
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11 US-11-128-440-49
12 US-11-175-690-62
13 US-11-024-251-68
13 US-11-024-251-68
13 US-11-024-251-69
13 US-11-089-866-31
14 US-11-084-534-69
15 US-11-084-554-62
16 US-11-084-554-64
17 US-11-084-554-64
18 US-11-084-554-64
18 US-11-084-554-69
19 US-11-084-554-69
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Sequence 36, Appl
Sequence 62, Appl
Sequence 63, Appl
Sequence 68, Appl
Sequence 60, Appl
Sequence 31, Appl
Sequence 31, Appl
Sequence 94, Appl
Sequence 59, Appl
Sequence 60, Appl
Sequence 60, Appl
Sequence 64, Appl
Sequence 64, Appl
Sequence 67, Appl
Sequence 67, Appl
Sequence 69, Appl
Sequence 60, Appl
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Sequence 61, Appl
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Sequence 62, Appl
Sequence 63, Appl
Sequence 64, Appl
Sequence 64, Appl
Sequence 66, Appl
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US-10-967-457-36/c
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	C 44				c 40			c 37	c 36	c 35	c 34	c 33	c 32	c 31	c 30	c 29	c 28			c 25		c 23	C 22
19	19	_	_	_	19	_	_	19	_	_			19						19				19
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
418	418	418	418	418	418	418	418	418	418	418	418	418	418	409	375	375	369	369	366	363	363	296	296
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US-11-226-325-41	US-11-226-325-39	US-11-226-325-37	US-11-226-325-35	US-11-226-325-33	US-11-226-325-31	US-11-226-325-29	US-11-226-325-27	US-11-226-325-25	US-11-226-325-23	US-11-226-325-21	US-11-226-325-19	US-11-226-325-17	US-11-226-325-15	US-10-839-799-98	US-11-112-304A-17	US-11-112-240-17	US-11-112-304A-13	US-11-112-240-13	US-11-105-268-43	US-11-126-978-23	US-11-108-135-23	US-11-136-250-102	US-11-136-250-67
41,	Sequence 39, Appl	37	<u>ω</u>	ω W	Sequence 31, Appl	29	Sequence 27, Appl	25	23		19	17	Sequence 15, Appl	Sequence 98, Appl	Sequence 17, Appl	Sequence 17, Appl	13,	13,	43,	23,	Sequence 23, Appi	Sequence 102, App	Sequence 67, Appl

ALIGNMENTS

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CURRENT APPLICATION NUMBER: US/10/967,457
CURRENT FILING DATE: 2004-10-19
PRIOR APPLICATION NUMBER: US/09/833,041
PRIOR FILING DATE: 2001-04-12
PRIOR PILING DATE: 2001-04-12
PRIOR REPLICATION NUMBER: 60/229,358
PRIOR FILING DATE: 2000-04-25
PRIOR FILING DATE: 2000-12-21
PRIOR PILING DATE: 2000-12-21
PRIOR PILING DATE: 2000-12-21
PRIOR PILING DATE: 2000-04-25
NUMBER: PATENTING DATE: 2010-04-25
NUMBE
RESULT 2
US-11-128-440-49/c
; Sequence 49, Application US/11128440
; Publication No. US20050261478A1
; GENERAL INFORMATION:
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Best Local Similarity
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TITLE OF INVENTION: Albumin Fusion Proteins
FILE REFERENCE: PF545PCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 23
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FEATURE:
FEATURE:
NAME/KEY: primer bind
OTHER INFORMATION: Degenerate VH forward primer useful
OTHER INFORMATION: amplifying human VH domains
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95.0%; I
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Pred. No. 13;
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US-11-175-690-62/c
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CURRENT APPLICATION NUMBER: US/11/128,440
CURRENT FILING DATE: 2005-05-12
PRIOR APPLICATION NUMBER: US 10/646,381
PRIOR FILING DATE: 2003-08-21
PRIOR APPLICATION NUMBER: US 09/252,150
PRIOR FILING DATE: 1999-02-18
PRIOR FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/108,683
PRIOR APPLICATION NUMBER: US 60/108,683
PRIOR APPLICATION NUMBER: 60/075,274
PRIOR FILING DATE: 1998-11-16
PRIOR APPLICATION NUMBER: 60/075,274
PRIOR FILING DATE: 1998-02-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 62, Application US/11175690 Publication No. US20060014254A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 80
SOFTWARE: FRBTSEQ for Windows Version 3.0
SEQ ID NO 49
LENGTH: 23
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CURRENT APPLICATION NUMBER: US/11/175,690
CURRENT FILING DATE: 2005-07-07
                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR FILING DATE: 2004-01-20
PRIOR APPLICATION NUMBER: US 60/441,305
PRIOR FILING DATE: 2003-01-22
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Haseltine et al.
TITLE OF INVENTION: Albumin Fusion Proteins
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
                                                                                                                                                                    PRIOR FILING DATE: 2003-09-30
NUMBER OF SEQ ID NOS: 568
SOFTWARE: Patentin Ver. 2.0
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FEATURE: NAME/KEY: primer bind OTHER INFORMATION: Degenerate VH forward primer useful for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence FEATURE:
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                                                                         LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: Primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
                                                                                                                                               ID NO 62
                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US 60/467,222
FILING DATE: 2003-05-02
                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US 60/453,201 FILING DATE: 2003-03-11
                                                                                                                                                                                                                                                         FILING DATE: 2003-06-06
APPLICATION NUMBER: US 60/505,172
FILING DATE: 2003-09-24
                                                                                                                                                                                                                                      APPLICATION NUMBER: US 60/506,746
                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US 60/476,267
                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US 60/472,816 FILING DATE: 2003-05-23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Brady, William A.
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95.0%; Pred. No. 13;
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US-11-024-251-37/c
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                                                                                                                 ; OTHER INFORMATION: Primer VH1a US-11-024-251-68
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Zauderer, Maurice
APPLICANT: Paris, Mark
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches 19;
                                                                                                                                                                                                SOFTWARE: PatentIn version 3.3 SEQ ID NO 68 LENGTH: 39
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                                                  Matches
                                                                                 Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/11/024,251
CURRENT FILLING DATE: 2004-12-29
PRIOR APPLICATION NUMBER: 60/533,241
PRIOR FILING DATE: 2003-12-31
                                                                                                                                                                                                                                                                                             APPLICANT: Paris, Mark
TITLE OF INVENTION: Methods for Producing and Identifying Multispecific Antibodies
FILE REFERENCE: 1843.023001
CURRENT APPLICATION NUMBER: US/11/024,251
CURRENT FILING DATE: 2004-12-29
                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Zauderer, APPLICANT: Paris, M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 129
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: Methods for Producing and Identifying Multispecific Antibodies FILE REFERENCE: 1843.0230001
                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 129
                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: 60/533,241 PRIOR FILING DATE: 2003-12-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial FEATURE:
                                                                                                                                                 ORGANISM: Artificial FEATURE:
                                                                                                                                                                                 TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Primer VH1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
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                                                 l Similarity
19; Conserv
1 GACTGCACCAGCTGNACCTG 20
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                                                                100.0%; Score 19;
95.0%; Pred. No. 1
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Pred. No. 14;
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Pred. No.
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PATRICIA

TITLE OF INVENTION: OPTIMIZED DOSING OF ANTI-CD4 ANTIBODIES FOR TOLERANCE
TITLE OF INVENTION: INDUCTION IN PRIMATES
FILE REFERENCE: TLW-031
CURRENT APPLICATION NUMBER: US/11/158,505
CURRENT FILING DATE: 2005-06-21
PRIOR APPLICATION NUMBER: 60/582,181
PRIOR PILING DATE: 2004-06-22
NUMBER OF SEQ ID NOS: 76
SOFTWARE: PATENTIN VET: 3.3
SEQ ID NO 60
LENGTH: 90
TYPE: DNA
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                                                                         ; OTHER INFORMATION: Synthetic DNA US-10-489-866-31
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   Query Match 100.0%; Score 19; Di
Best Local Similarity 95.0%; Pred. No. 15;
Matches 19; Conservative 0; Mismatches
                                                                                                                                                             NUMBER OF SEQ ID NOS: 50
SOFTWARE: PatentIn version 3.3
SEQ ID NO 31
LENGTH: 97
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Best Local (
                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: USDS, APPLICANT: KON, APPLICANT: YAMAK APPLICANT: HIGUCI APPLICANT: TORIK APPLICANT: TORIK APPLICANT: TOKIK APPLICANT: TOKIK APPLICANT: NAKASI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
                                                                                                                                                                                                                             TITLE OF INVENTION: RECOMBINANT ANTI-OSTEOPONTIN ANTIBODY AND USE THEREOF FILE REFERENCE: 250551US0XPCT CURRENT PEPLICATION NUMBER: US/10/489,866 CURRENT FILING DATE: 2004-03-24 PRIOR APPLICATION NUMBER: PCT/JP02/09868 PRIOR PILING DATE: 2002-09-25 PRIOR PILING DATE: 2002-09-25 PRIOR PILING DATE: 2001-09-25
                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
                                                                                                           TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    64 GACTGCACCAGCTGAACCTG 83
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                                                                                                                                                                                                                                                                                                                                                                                                                TORIKAI, MASAHARU
TOKIEDA, YOSHIYUKI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  YAMAMOTO, NOBUCHIKA
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                                                                                                                                                                                                                                                                                                                                                                                              TOSHIHIRO
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                                      DB 7; Length 97;
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     Indels
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US-11-226-325-79
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Sequence 79, Application US/11226325
Publication No. US20060008456A1
GENERAL INFORMATION:
APPLICANT: TSUCHIYA, MASAYUKI
TITLE OF INVENTION: NATURAL HUMANIZED ANTIBODY
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SEQUENCE DESCRIPTION: SEQ ID NO: 94: US-10-839-799-94
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US-10-839-799-94
                                                                                 Matches
                                                                                                Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                   TELEX: 904136
INFORMATION FOR SEQ ID NO: 94:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/646,265

FILING DATE: 09-SEP-1996

APPLICATION NUMBER: WO PCT/JP94/01763

FILING DATE: 19-OCT-1994

APPLICATION NUMBER: JP 5-291078

FILING DATE: 19-NOV-1993

ATTORNEY/AGENT INFORMATION:
NAME: WECKNER, Harold C.
REGISTRATION NUMBER: 25,258

REGISTRATION NUMBER: 53466/184

TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/839,799
FILING DATE: 06-May-2004
CURRENTERS OF MAY-2004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: USA
ZIP: 2007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatil
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TSUCHIYA, Masayuki
TITLE OF INVENTION: RESHAPED HUMAN ANTIBODY TO HUMAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: OHTOMO, Toshihiko
40 GACTGCACCAGCTGCACCTG 59
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       96 GACTGCACCAGCTGCACCTG 77
                                1 GACTGCACCAGCTGNACCTG 20
                                                                                                                                                                                                                                              LENGTH: 130 base pairs TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: (202) 672-5300
TELEFAX: (202) 672-5399
                                                                                                                                                                                                                       STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TY: Washington
                                                                               Conservative
                                                                                                100.0%;
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                                                                                                Score 19; I
Pred. No. 15;
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                                                                                 Mismatches
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                                                                                                                      7;
                                                                                                                      Length 130
                                                                               Indels
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FILE REPERENCE: 053466/0274

CURRENT APPLICATION NUMBER: US/11/226,325

CURRENT FILING DATE: 2005-09-15

PRIOR APPLICATION NUMBER: US/09/509,098

PRIOR PILING DATE: 2000-03-22

PRIOR APPLICATION NUMBER: PCT/JP98/04469

PRIOR FILING DATE: 1998-10-02

PRIOR PILING DATE: 1998-10-02

PRIOR APPLICATION NUMBER: JP 9-271726

PRIOR APPLICATION NUMBER: JP 9-271726

PRIOR PILING DATE: 1997-10-03

NUMBER OF SEQ ID NOS: 203

SOPTWARE: PATENTIN VEX. 2.1

SEQ ID NO 79

LENGTH: 144
                                                                                                                                    RESULT 11
US-11-084-554-60/c
US-11-084-554-60/c
; Sequence 60, Application US/11084554
; Publication No. US20050260679A1
; Publication No. US20050260679A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-11-084-554-59
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQ ID NO 59
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                   Matches
                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 59, Application US/11084554
Publication No. US20050260679A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: 60/574,661
PRIOR FILING DATE: 2004-05-24
NUMBER OF SEQ ID NOS: 266
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: KOTVEY, WOULEY
TITLE OF INVENTION: REDUCING THE RISK OF HUMAN ANTI-HUMAN
TITLE OF INVENTION: ANTIBODIES THROUGH V GENE MANIPULATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Kellermann, Sirid-Ai
APPLICANT: Green, Larry L.
APPLICANT: Korver, Wouter
APPLICANT: Green, Larry L.
APPLICANT: Korver, Wouter
TITLE OF INVENTION: REDUCING THE RISK OF HUMAN ANTI-HUMAN
TITLE OF INVENTION: ANTI-BODIES THROUGH V GENE MANIPULATION
FILE REFERENCE: ABGENIX.100A
                                                                   APPLICANT: Kellermann, Sirid-Ai
APPLICANT: Green, Larry L.
APPLICANT: Korver, Wouter
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILE REFERENCE: ABGENIX.100A
CURRENT APPLICATION NUMBER: US/11/084,554
CURRENT FILING DATE: 2005-03-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: 60/554,372 PRIOR FILING DATE: 2004-03-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 296
TYPE: DNA
ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                                   Conservative
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; Pred. No. 15;
0; Mismatches
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US-11-084-554-64/c
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; ORGANISM: Homo sapiens
US-11-084-554-62
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CURRENT APPLICATION NUMBER: US/11/084,554
CURRENT FILING DATE: 2005-03-17
PRIOR APPLICATION NUMBER: 60/554,372
PRIOR FILING DATE: 2004-03-19
PRIOR PELICATION NUMBER: 60/574,661
PRIOR FILING DATE: 2004-05-24
GENERAL INFORMATION:
APPLICANT: Kellermann, Sirid-Ai
APPLICANT: Keren, Larry L.
APPLICANT: Korver, Wouter
TITLE OF INVENTION: REDUCING THE RISK OF HUMAN ANTI-HUMAN
TITLE OF INVENTION: ANTIBODIES THROUGH V GENE MANIPULATION
FILE REFERENCE: ABGENIX.100A
FILE REPELICATION NUMBER: US/11/084,554
CURRENT FILING DATE: 2005-03-19
PRIOR FILING DATE: 2004-03-19
PRIOR FILING DATE: 2004-03-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 62
LENGTH: 296
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Best Local Similarity
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                                                                                                                                                                                                 Sequence 64, Application US/11084554
Publication No. US20050260679A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Kellermann, Sirid-Ai
APPLICANT: Green, Larry L
APPLICANT: Korver, Wouter
TITLE OF INVENTION: REDUCING THE RISK OF HUMAN ANTI-HUMAN
TITLE OF INVENTION: ANTIBODIES THROUGH V GENE MANIPULATIO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Homo sapiens
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95.0%; I
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Pred. No. 16;
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US-11-084-554-67/c

| Sequence 67, Application US/11084554 |
| Publication No. US20050260679A1 |
| Publication No. US20050260679A1 |
| GENERAL INFORMATION: APPLICANT: Kellermann, Sirid-Ai |
| APPLICANT: Kellermann, Sirid-Ai |
| APPLICANT: Korter, Wouter |
| TITLE OF INVENTION: ANTIBODIES THROUGH V GENE MANIPULATION |
| FILE REFERENCE: ABGENIX.100A |
| CURRENT APPLICATION NUMBER: US/11/084,554 |
| CURRENT APPLICATION NUMBER: 60/554,372 |
| PRIOR APPLICATION NUMBER: 60/554,372 |
| PRIOR PILING DATE: 2004-03-19 |

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Publication No. US20050260679A1
GENERAL INFORMATION:
APPLICANT: Kellermann, Sirid-Ai
APPLICANT: Kellermann, Sirid-Ai
APPLICANT: Kellermann, Sirid-Ai
APPLICANT: Korver, Wouter
ITILE OF INVENTION: REDUCING THE RISK OF HUMAN ANTI-HUMAN
ITITLE OF INVENTION: ANTIBODIES THROUGH V GENE MANIPULATION
FILE REFERENCE: ABGERIX.100A
CUURRENT FILING DATE: 2005-03-17
PRIOR APPLICATION NUMBER: US/11/084,554
CURRENT FILING DATE: 2004-03-19
PRIOR FILING DATE: 2004-03-19
PRIOR APPLICATION NUMBER: 60/574,661
PRIOR APPLICATION NUMBER: 60/574,661
PRIOR FILING DATE: 2004-05-24
NUMBER OF SEQ ID NOS: 266
SOPTWARE: FREUENG DATE: 2004-05-24
NUMBER: OF SEQ ID NOS: 266
SOPTWARE: PREUESEQ for Windows Version 4.0
EEQ ID NO 66
LENGTH: 296
Type: DNA
ORGANISM: Homo sapiens
US-11-084-554-66
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NUMBER OF SEQ ID NOS: 266
; SOGTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 64
LENGTH: 296
; TYPE: DNA
; ORGANISM: Homo sapiens
US-11-084-554-64
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SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 67 LENGTH: 296
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Best Local Similarity 95.0%; Pred. No. 16;
Matches 19; Conservative 0; Mismatches
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-11-084-554-67

Query Match
Best Local Similarity 95.0%; Pred. No. 16;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps

Qy 1 GACTGCACCAGCTGNACCTG 20
Db 20 GACTGCACCAGCTGCACCTG 1

Search completed: February 12, 2006, 18:50:47
Job time: 140.496 secs
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Searched:
                                                                                                                                                                                 Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                                                                                            Minimum DB seq length: 0
Maximum DB seq length: 200000000
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Perfect score:
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US-10-006-591A-7
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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Sequence 11, Appl Sequence 11, Appl Sequence 25, Appl Sequence 25, Appl Sequence 1320, Ap Sequence 1320, Ap Sequence 1408, Ap Sequence 1546, Ap Sequence 1576, Ap Sequence 23, Appl Sequence 23, Appl Sequence 24, Appl Sequence 36, Appl Sequence 36, Appl Sequence 36, Appl Sequence 36, Appl Sequence 31, Appl Sequence 38, Appl	1

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US-10-120-398-36	US-10-159-339-47	US-10-135-839-23	US-10-234-951A-26	US-10-210-152-270	US-10-199-869-41	US-10-153-244-272	US-10-341-226-12	US-10-153-604A-33	US-10-173-461-28	US-10-116-519-105	US-10-071-458-40	US-10-174-613-53	US-10-133-797-32	US-10-067-800-23	US-10-067-649-54	US-10-120-604-140	US-10-104-943-94	US-10-067-443-33	US-10-092-771-41	02-TU-UBU-1/5-20
Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	actionbac
36,	47,	23,	26,	270	41,	272	12,	33,	28,	105	40,	53,	32,	23,	54,	140	94,	33,	41,	,07
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ALIGNMENTS

RESULT 1 US-10-006-591-7

Sequence 7, Application US/10006591 Publication No. US20030049731A1 GENERAL INFORMATION:

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RESULT 2
US-10-374-932-11/c
US-10-374-932-11/c
; Sequence 11, Application US/10374932
; Publication No. US20030235586A1
; GENERAL INFORMATION:
; APPLICANT: van de Winkel, Jan G.J.
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CURRENT FILING DATE: 2001-12-05
PRIOR APPLICATION NUMBER: 60/251,440
PRIOR FILING DATE: 2000-12-05
NUMBER OF SEQ ID NOS: 14
SOPTWARE: Patentin version 3.1
SEQ ID NO 7
                                                                                                                                                                                                                                Matches
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Best Local Similarity
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TITLE OF INVENTION: ENGINEERED PLASMIDS AND THEIR USE FOR IN SITU PRODUCTION OF GENES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Bowdish, Katherine S.
APPLICANT: Frederickson, Shana
APPLICANT: Lin, Ying-Chi
APPLICANT: Renshaw, Mark
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILE REFERENCE: 1087-3
                                                                                                                                                                                                                                                                                                                 LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: collar sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION: (15)..(15)
OTHER INFORMATION: n is c or a
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Pred. No. 71;
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CURRENT APPLICATION UNMBER: US/10/379,741
CURRENT FILING DATE: 2003-03-05
PRIOR APPLICATION NUMBER: US 60/314,731
PRIOR FILING DATE: 2001-08-23
PRIOR PILING DATE: 2002-08-23
PRIOR PILING DATE: 2002-08-23
INUMBER OF SEQ ID NOS: 31
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 11
LENGTH: 200
ORGANISM: Homo sapiens
Sequence 33, Application US/10687799
Publication No. US20040167319A1
GENERAL INFORMATION:
APPLICANT: Tealing, Jessica
APPLICANT: Ruuls, Sigrid
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US-10-687-799-33/c
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US-10-379-741-11/c
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-374-932-11
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TITLE OF INMENTION: HUWAN ANTIBODIES SPECIFIC FOR INTERLEUKIN 15 (IL-15)
FILE REFERENCE: GMI-024CP
CURRENT APPLICATION NUMBER: US/10/374,932
CURRENT FILING DATE: 2003-02-26
PRIOR APPLICATION NUMBER: US 60/314,731
PRIOR FILING DATE: 2001-08-23
PRIOR PRICING DATE: 2001-08-23
PRIOR FILING DATE: 2002-08-23
NUMBER OF SEQ ID NOS: 31
SOPTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: HUMAN ANTIBODIES SPECIFIC FOR INTERLEUKIN 15 (IL-15) FILE REFERENCE: GMI-024CP2
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Gerritsen, Arnout F.
Baadsgaard, Ole
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No. US20040071702A1
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Baadsgaard, Ole
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95.0%; Pred. No. 71;
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Pred. No. 71;
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APPLICANT: Teeling, Jessica
APPLICANT: Patren, Paul
APPLICANT: Baadsgaard, Ole
APPLICANT: Hudson, Debra
APPLICANT: Hudson, Debra
APPLICANT: Petersen, Jorgen
TITLE OF INVENTION: HUMAN MONOCLONAL ANTIBODIES AGAINST INTERLEUKIN 8 (IL-8)
FILE REFERENCE: MXI-278
CURRENT PILING DATE: 2003-12-16
FRIOR APPLICATION NUMBER: US/10/738,120
CURRENT FILING DATE: 2003-12-16
FRIOR APPLICATION NUMBER: 60/433,728
PRIOR FILING DATE: 2002-12-16
NUMBER OF SEQ ID NOS: 45
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 25
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/10/687,799
CURRENT FILING DATE: 2003-10-17
PRIOR APPLICATION NUMBER: US 60/419,163
PRIOR FILING DATE: 2002-10-17
PRIOR APPLICATION NUMBER: US 60/460,028
PRIOR FILING DATE: 2002-04-02
PRIOR FILING DATE: 2002-04-02
NUMBER OF SEQ ID NOS: 57
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 33
LENGTH: 20
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Best Local
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Best Local Similarity
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APPLICANT: Baadsgaard, Ole
APPLICANT: Huang, Haichun
TITLE OF INVENTION: HUMAN MONOCLONAL ANTIBODIES AGAINST CD20
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                                                                                                                                                                    LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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OTHER INFORMATION: primer
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                     GACTGCACCAGCTGNACCTG 20
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GACTGCACCAGCTGMACCTG 1
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Pred. No. 71;
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RESULT 6
US-10-982-725-11/c
; Sequence 11, Application US/10982725
; Publication No. US20050123542A1
; GENERAL INFORMATION:

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APPLICANT: Wu, Herren
APPLICANT: Dall'Acqua, William
APPLICANT: Damschroder, Melissa
TITLE OF INVENTION: HUMANIZATION OF ANTIBODIES
FILE REFERENCE: AE650US
CURRENT APPLICATION NUMBER: US/10/920,899
CURRENT FILING DATE: 2004-08-18
NUMBER OF SEQ ID NOS: 1781
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1320
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-982-725-11
                                                                                                                                                                                                                                   US-10-920-899-1408/c
                                                                                                                                                                                                                                                   RESULT 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 21
TYPE: DNA
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
FEATURE:
OTHER INFORMATION: Primers
JS-10-920-899-1320
                                                                                                                                                                 Sequence 1408, Application US/10920899
Publication No. US20050048617A1
GENERAL INFORMATION:
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CURRENT APPLICATION NUMBER: US/10/982,725
CURRENT FILING DATE: 2004-11-04
PRIOR APPLICATION NUMBER: 60/518552
PRIOR FILING DATE: 2003-11-06
NUMBER OF SEQ ID NOS: 31
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                 CURRENT APPLICATION NUMBER: US/10/920,899
CURRENT FILING DATE: 2004-08-18
NUMBER OF SEQ ID NOS: 1781
                                                                       APPLICANT: Dall'Acqua, William
APPLICANT: Damschroder, Melissa
TITLE OF INVENTION: HUMANIZATION OF ANTIBODIES
FILB REFERENCE: AE65OUS
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APPLICANT: BAADSGAARD, Ole
TITLE OF INVENTION: METHODS FOR TREATING DISORDERS INVOLVING MONOCYTES
                                                                                                                                                   APPLICANT: Wu, Herren
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SOFTWARE: FastSEQ for Windows Version 4.0
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Pred. No. 71;
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US-10-920-899-1576/c; Sequence 1576, Application US/10920899; Publication No. US20050048617A1; GENERAL INFORMATION:
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                                                                         ; FEATURE:
; OTHER INFORMATION: Primers
US-10-920-899-1576
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US-10-920-899-1546/c
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CURRENT FILING DATE: 2004-08-18
NUMBER OF SEQ ID NOS: 1781
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 1546
uest Local Similarity 95.0%;
Matches 19; Conservation
                                                                                                                                                        FILE REFERENCE: AB650US
CURRENT APPLICATION NUMBER: US/10/920,899
CURRENT FILING DATE: 2004-08-18
NUMBER OF SEQ ID NOS: 1781
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1576
LENGTH: 21
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APPLICANT: Wu, Herren
APPLICANT: Dall'Acque, William
APPLICANT: Damschroder, Melissa
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                                                                                                                                                                                                                                                           APPLICANT: Wu, Herren
APPLICANT: Dall'Acqua, William
APPLICANT: Dammschroder, Melissa
TITLE OF INVENTION: HUMANIZATION OF ANTIBODIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: HUMANIZATION OF ANTIBODIES FILE REFERENCE: AE650US
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TYPE: DNA
ORGANISM: Artificial Sequence
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                             Score 19; Di
Pred. No. 71;
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Pred. No. 71;
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; OTHER INFORMATION: 5' Oligonucleotide primer for VH Domain US-09-779-880A-23
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US-09-779-879A-23/c
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SEQ ID NO 23
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                          SEQ ID NO 23
LENGTH: 23
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APPLICANT: Roschke
APPLICANT: Li, Yi
APPLICANT: Ruben,
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APPLICANT: Ruben, Steven, M.
APPLICANT: Ruben, Steven, M.
APPLICANT: Ruben, Steven, M.
TITLE OF INVENTION: Human G-protein Chemokine Receptor
FILE REFERENCE: 1488.115000C
CURRENT APPLICATION NUMBER: US/09/779,880A
CURRENT FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: US 60/181,258
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 60/187,999
PRIOR FILING DATE: 2000-03-09
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PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 60/187,999
PRIOR FILING DATE: 2000-03-09
PRIOR APPLICATION NUMBER: US 60/234,336
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TITLE OF INVENTION: Human G-protein Chemokine Receptor (CCR5) HDGNR10
FILE REFERENCE: 1448.115000A
CURRENT APPLICATION NUMBER: US/09/779,879A
CURRENT FILING DATE: 2001-02-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR FILING DATE: 2000-09-22
NUMBER OF SEQ ID NOS: 58
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                                                                                                                                                     SOFTWARE: Patentin
                                                                                                                                                                       NUMBER OF SEQ ID NOS: 58
                                                                                                                                                                                           PRIOR APPLICATION NUMBER: US 60/234,336 PRIOR FILING DATE: 2000-09-22
                                                             TYPE: DNA
ORGANISM: Artificial Sequence
                                             FEATURE:
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5. US20020048786A1
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                                                                                                                                                     version 3.0
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Pred. No. 71;
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FILE REFERENCE: 25885-1751

CURRENT APPLICATION NUMBER: US/09/910,120

CURRENT FILING DATE: 2001-07-18

PRIOR APPLICATION NUMBER: 60/219,183

PRIOR FILING DATE: 2000-07-19

NUMBER OF SEQ ID NOS: 73

SOPTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 12

LENGTH: 23

TYPE: DNA

ORGANISM: Artificial Sequence

PEATURE:

OTHER INFORMATION: Primer: HuVHlaBACK

US-09-910-120-12
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; OTHER INFORMATION: Primer US-09-252-150-49
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                                                                                               SEQ ID NO 49
LENGTH: 23
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Patent No. US20020155604A1
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Best Local Similarity
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                                                                                                                                                                                                      TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR REGULATING TITLE OF INVENTION: LYMPHOCYTE ACTIVATION FILE REFERENCE: 9113-0019-999 CURRENT APPLICATION NUMBER: US/09/252,150A CURRENT FILING DATE: 1999-02-18 EARLIER APPLICATION NUMBER: US 60/075,274 EARLIER FILING DATE: 1998-02-19
                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Ledbetter, Jeffrey A.
APPLICANT: Hayden Ledbetter, Martha
APPLICANT: Brady, William A.
APPLICANT: Grosmaire, Laura S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: DANA AULT-RICHE
APPLICANT: PAUL D. KASSNER
TITLE OF INVENTION: COLLECTIONS OF BINDING PROTEINS AND TAGS
TITLE OF INVENTION: AND USES THEREOF FOR NESTED SORTING AND HIGH THROUGHPUT
TITLE OF INVENTION: SCREENING
                                                                                                                               NUMBER OF SEQ ID NOS: 80
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                             APPLICANT: Law, Che-Leung APPLICANT: Dua, Raj
                                                                                                                                                                                        EARLIER APPLICATION NUMBER: US 60/108,683
                                                                                                                                                                      EARLIER FILING DATE: 1998-11-16
                                 TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Pred. No. 71;
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RESULT 15
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iSequence 7, Application US/09939769
publication No. US20030017149A1
GENERAL INFORMATION:
APPLICANT: HORFFLER, JAMES P.
APPLICANT: RUSSELL, MARIJANE
TITLE OF INVENTION: SINGLE CHAIN ANTIBODY FUSION REAGENTS THAT REGULATE
TITLE OF INVENTION: TRANSCRIPTION IN VIVO
FILE REFERENCE: 039322/0226
CURRENT APPLICATION NUMBER: US/09/939,769
CURRENT FILING DATE: 2001-08-28
FRIOR APPLICATION NUMBER: 08/728,890
PRIOR APPLICATION NUMBER: 08/728,890
PRIOR PELLING DATE: 1996-10-10
NUMBER OF SEQ ID NOS: 96
SOFTWARE: PATENTIN VEX: 2.1
SEQ ID NO 7
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
FEATURE:
FEATURE:
FORTH INFORMATION: Description of Artificial Sequence: Primer
US-09-939-769-7
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US-08-477-8998-61 Sequence 61, 36 19 100.0 78 2 US-08-477-8998-61 Sequence 61, 36 19 100.0 78 2 US-08-477-9998-61 Sequence 61, 37 19 100.0 78 3 US-08-477-9998-61 Sequence 61, 38 19 100.0 117 2 US-08-477-9998-61 Sequence 61, 39 100.0 117 6 PCT-US95-10053-19 Sequence 19, 40 19 100.0 117 6 PCT-US95-09448-22 Sequence 19, 41 19 100.0 112 Sequence 34, 42 19 100.0 132 2 US-08-646-265A-94 Sequence 74, 44 19 100.0 132 2 US-08-477-788-74 Sequence 74, 44 19 100.0 132 2 US-08-477-788-74 Sequence 74, 44 Sequence 74, 56 Sequ

Sequence 1, Application US/08896535 Patent No. 6936464 GENERAL INFORMATION: APPLICANT: Zhu, Delin APPLICANT: Hawkins, Robert Edward APPLICANT: Stevenson, Freda Katherine APPLICANT: Winter, Gregory Paul TITLE OF INVENTION: Improvements in or Relating to TITLE OF INVENTION: Immune Responses to Fusion Proteins NUMBER OF SEQUENCES: 79 CORRESPONDENCE ADDRESS: RESULT 1 US-08-896-535-1/c COMPUTER READABLE FORM: MEDIUM TYPE: Ploppy disk COMPUTER: IBM PC Compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: MS WOrd CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/896,535 FILING DATE: 18-UL-1997 CLASSIFICATION DATA: APPLICATION NUMBER: GB 9220808.1 APPLICATION NUMBER: GB 9220808.1 FILING DATE: 02-OCT-1992 INFORMATION FOR SEQ ID NO: 1 SEQUENCE CHARACTERISTICS: LENGTH: 22 base pairs MOLECULE TYPE: DNA (HYPOTHETICAL: NO ANTI-SENCE STREET: 1100 New 1 CITY: Washington STATE: D.C. COUNTRY: U.S.A. ZIP: 20005-3918 TYPE: nucleic acid STRANDEDNESS: ADDRESSEE: B: Pillsbury Madison & Sutro, L.L.P. 1100 New York Avenue, N.W. DNA (genomic) single

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RESULT 2
US-08-211-202-30/c
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Query Match
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                                                                                                                                                                                              ATTORNEY AGENT INFORMATION:
NAME: David W. Clough
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 2811
TELECOMUNICATION INFORMATION:
TELEPHONE: 312-474-6300
                                                                                                                                              INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9120252.3
FILING DATE: 23-SEP-1991
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                               TOPOLOGY: 1
MOLECULE TYPE:
                                                                                                              SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
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APPLICATION NUMBER:
FILING DATE: 24-MAR-
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9:
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TITLE OF INVENTION:
NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
                                                                                                                                                TELEFAX: 25-3856
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TELEPHONE: 312-474-0448
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FILING DATE: 23-SEP-1992
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                                                                              STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: GB 9120377.8
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100.0%;
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 Score 19;
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Length 23;
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                                                            Matches
                                                                                          Query Match
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                                                                                                                                                                                               INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTMARE: PatentIn Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/307,619
FILING DATE: 16-SEP-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Waterhouse, P
TITLE OF INVENTION: Methods for producing
TITLE OF INVENTION: binding pairs
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APPLICATION NUMBER: PCT/GB92/00883
FILING DATE: 15-MAY-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION: GOIN PRIOR APPLICATION DATA: APPLICATION NUMBER: 1 FILING DATE: 24-MAR-
                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION:
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APPLICATION NUMBER: GB 9206318.9
FILING DATE: 24-MAR-1992
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CORRESPONDENCE ADDRESS:
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CITY: Chicago
STATE: Illinois
                                                                                                                                                                                                                                                        NAME: DAVIG M. LIVES: 36,107
REGISTRATION NUMBER: 36,107
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY:
                                                                        Local
                                                                                                                                      TOPOLOGY:
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                                                                                                                                                                                                                                                                                      NAME: David W. Clough
                                                                                                                                                                                 ENGTH:
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                    1 GACTGCACCAGCTGNACCTG 20
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5733743
                                                                          Similarity
                                                                                                                                                                 H: 23 base pairs nucleic acid
GACTGCACCAGCTGCACCTG
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Griffiths, Andrew D
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                                                            Conservative
                                                                                                                                      linear
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                                                                                                                                                 single
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Pred. No. 28;
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                                                            Mismatches
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                                                                                          Length 23;
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RESULT 4
US-08-350-260A-56/c
US-08-350-260A-56/c
; Sequence 56, Application US/08350260A
; Patent No. 5962255

GENERAL INFORMATION:

US-09-050-783-10/c

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APPLICATION NUMBER: PCT/GB93/00605
PRIOR APPLICATION NUMBER: PCT/GB93/00605
APPLICATION NUMBER: PCT/GB93/00605
FILING DATE: 24-MAR-1993
PRIOR APPLICATION DATA:
                                                               Matches
                                                                                             Query Match
                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/350,260A
FILING DATE: 05-DEC-1994
CLASSIFICATION: 435
CLASSIFICATION: 435
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                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PILING DATE: 15-MAY-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9:
FILING DATE: 24-MAR-1992
                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US 00
FILING DATE: 31-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 00
FILING DATE: 16-SEP-1994
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APPLICATION NUMBER: GB 9110549.4
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CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
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                                                                                                                                                          STRANDEDNESS:
                                                                                                                                                                                                                                                                                        NAME: Clough, David W
REGISTRATION NUMBER: 36,107
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                                                                            Local
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                                                                                                                                             TOPOLOGY:
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                                                               19,
                         1 GACTGCACCAGCTGNACCTG 20
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                                                                          Similarity
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: Illinois
GACTGCACCAGCTGCACCTG 1
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Marshall, O'Toole, Gerstein, Murray & Borun
6300 Sears Tower, 233 South Macker Drive
                                                                                                                                   linear
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Smith, Andrew John Hammond
VENTION: Methods for producing members of specific
VENTION: binding pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Winter, Gregory Paul
Griffiths, Andrew David
Williams, Samuel Cameron
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Waterhouse, Peter
                                                                                                                                                                                                                                         312-474-6300
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24-MAR-1992
                                                                          100.0%;
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                                                                                                                                                                                                                           56:
                                                    0,
                                                         Pred. No. 28;
0; Mismatches
                                                                                                                                                                                                                                                                           28111/32372
                                                                                           DB 2;
                                                                                           Length 23;
                                                             Indels
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                                                         Gарв
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RESULT 5

US-09-104-337A-56/c

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Sequence 56, Application US/09104337A Patent No. 6492160 GENERAL INFORMATION:

APPLICANT: Winter, Gregory Paul

Griffiths, Andrew David Williams, Samuel Cameron

Waterhouse, Po Nissim, Ahuva

Peter

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RESULT 6
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                                                                                                                             Matches
                                                                                                                                                                  Query Match
                                                                                                                                                 Best
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                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/GE
FILING DATE: 15-MAX-1992
ATTORNEY/AGENT INFORMATION:

NAME: DAVID W. Clough
REGISTRATION NUMBER: 36,10
                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 24-MAR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9206318.9
FILING DATE: 24-MAR-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/307,619
FILING DATE: 16-SEP-1994
APPLICATION NUMBER: PCT/GB93/00605
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: Chicago
CITY: Chicago
Illinois
TISA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: Methods for producing members of specific TITLE OF INVENTION: binding pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Johnson, Kevin S
APPLICANT: Winter, Gregory P
APPLICANT: Griffiths, Andrew D
                                                                                                                                                                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION:
                                                                                                                                               Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/09/050,783 FILING DATE:
                                                                                                                                                                                                                                      LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION:
                                                                                                                                                                                                                        TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER: 28111/32238
                                                                                                                                                                                                                                                                                                                                       TELEPHONE:
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                                                                                                                             19;
                                                                                         1 GACTGCACCAGCTGNACCTG 20
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                                                      GACTGCACCAGCTGCACCTG 1
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                                                                                                                             Conservative
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                                                                                                                                             100.0%;
95.0%; I
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Pred. No. 2
                                                                                                                             Mismatches
                                                                                                                                                                DB 3;
                                                                                                                                                              Length 23;
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LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 56:
US-09-104-337A-56
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US-10-067-443-33/c
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Best Local S
Matches 19
                                                                                                                                                                                                               Sequence 33, Applicate Patent No. 6642041 GENERAL INFORMATION:
                 APPLICANT: Bristol-Myers Squibb Company
TITLE OF INVENTION: POLYNUCLECTIDE ENCODING A NOVEL METALOPROTEASE HIGHLY EXPRESSED
TITLE OF INVENTION: SPINAL CORD, MP-1
FILE REFERENCE: D0073 NP
CURRENT APPLICATION NUMBER: US/10/067,443
CURRENT FILING DATE: 2002-02-05
PRIOR APPLICATION NUMBER: US 60/266,518
PRIOR FILING DATE: 2001-02-05
PRIOR APPLICATION NUMBER: US 60/282,814
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: 312-474-6300 INFORMATION FOR SEQ ID NO: 56: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 25-Unn-1998

PRIOR APPLICATION UNMBER: US 08/350,260

PILING DATE: 05-DEC-1994

APPLICATION NUMBER: GB 910549.4

FILING DATE: 15-MAX-1991

APPLICATION NUMBER: GB 9206318.9

FILING DATE: 12-MAX-1992

APPLICATION NUMBER: PCT/GB92/00883

FILING DATE: 15-MAX-1992

APPLICATION NUMBER: PCT/GB93/00605

FILING DATE: 124-MAR-1992

APPLICATION NUMBER: US 08/150,002

FILING DATE: 31-MAR-1994

APPLICATION NUMBER: US 08/150,002

FILING DATE: 31-MAR-1994

APPLICATION NUMBER: US 08/307,619

FILING DATE: 16-SEP-194

APTORNEY, AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/104,337A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: Audrey L. Bartnicki
STREET: Marshall, Gerstein & Borun
6300 Sears Tower, 233 South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Bartnicki, Audrey L.
REGISTRATION NUMBER: 40,499
REFERENCE/DOCKET NUMBER: 28111/32372A
TELECOMMUNICATION INFORMATION:
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STATE: Illinois
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                                                                                                                                                                                                                                                                  Application US/10067443
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95.0%; Pred. No. 28;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DB 3;
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; PRIOR FILING DATE: 2001-04-10; NUMBER OF SEQ ID NOS: 71; SOFTWARE: PatentIn version 3.0; SEQ ID NO 3; SEQ ID NO 3; LENGTH: 23; TYPE: DNA; ORGANISM: Homo sapiens US-10-067-443-33
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                                                              ; OTHER INFORMATION: PCR Primer US-09-726-219A-81
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Best Local Similarity
                                                                                                                                                                   SOFTWARE: PatentIn version 3.1
SEQ ID NO 81
LENGTH: 23
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Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Winter, Gregory
APPLICANT: Bonert, Timothy
TITLE OF INVENTION: Methods for Producing Members of Specific Binding Pairs
FILE REFERENCE: 213839-00013
CURRENT APPLICATION NUMBER: US/09/726,219A
CURRENT FILING DATE: 2000-11-28
PRIOR APPLICATION NUMBER: GB 9015198.6
PRIOR FILING DATE: 1990-07-10
PRIOR PILING DATE: 1990-07-10
PRIOR APPLICATION NUMBER: GB 9022845.3
PRIOR PILING DATE: 1990-10-19
PRIOR PILING DATE: 1990-10-19
PRIOR PILING DATE: 1990-10-19
PRIOR PILING DATE: 1990-10-19
PRIOR FILING DATE: 1990-10-19
PRIOR FILING DATE: 1990-10-19
PRIOR FILING DATE: 1990-10-19
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PRIOR FILING DATE: 1995-06-07
NUMBER OF SEQ ID NOS: 272
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                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: GB 9024503.6
PRIOR FILING DATE: 1990-11-12
PRIOR APPLICATION NUMBER: GB 9104744.9
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                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: GB 9110549.4 PRIOR FILING DATE: 1991-05-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR FILING DATE:
                                                                                                         FEATURE:
                                                                                                                           ORGANISM: Artificial Sequence
                                                                                                                                                    TYPE: DNA
                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US 07/971,857 FILING DATE: 1993-01-08
                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: PCT/GB91/01134
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Chiswell, David
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Griffiths, Andrew
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Medical Research Co
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                                                                                                                                                                                                                                                                                                                                                   1991-07-10
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100.0%; Score 19; D
95.0%; Pred. No. 28;
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Pred. No. 28;
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                      DB 3;
                      Length 23;
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Matches

19;

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0; Mismatches

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Gaps

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GACTGCACCAGCTGNACCTG

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APPLICANT: Benert, Timothy
TITLE OF INVENTION: Methods for Producing Members of Specific Binding Pairs
FILE REFERENCE: 213839-00004
CURRENT APPLICATION UNMERR: US/09/196,522
CURRENT PILING DATE: 1998-11-28
FRIOR APPLICATION NUMBER: GB 9015198.6
FRIOR FILING DATE: 1990-07-10
PRIOR PILING DATE: 1990-10-19
PRIOR APPLICATION NUMBER: GB 9022845.3
FRIOR FILING DATE: 1990-10-19
PRIOR PILING DATE: 1990-10-19
PRIOR PILING DATE: 1990-10-19
PRIOR FILING DATE: 1990-10-19
PRIOR FILING DATE: 1990-11-12
PRIOR APPLICATION NUMBER: GB 9024503.6
PRIOR FILING DATE: 1991-11-12
PRIOR APPLICATION NUMBER: GB 9104744.9
PRIOR APPLICATION NUMBER: GB 9104744.9
PRIOR APPLICATION NUMBER: GB 910549.4
PRIOR APPLICATION NUMBER: GB 910549.5
PRIOR APPLICATION NUMBER: GB 910549.5
                           RESULT 10

US-09-832-929A-36/c

/ Sequence 36, Application US/09832929A

/ Patent No. 6926898

/ GENERAL INFORMATION:
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SEQ ID NO 81
LENGTH: 23
TYPE: DNA
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APPLICANT:
APPLICANT:
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APPLICANT:
APPLICANT:
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APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR FILING DATE: 1991-07-10
PRIOR APPLICATION NUMBER: US 07/971,857
PRIOR FILING DATE: 1993-01-08
PRIOR APPLICATION NUMBER: US 08/484,893
PRIOR PILING DATE: 1995-06-07
NUMBER OF SEQ ID NOS: 272
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APPLICANT: Human Genome Sciences, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence FEATURE:
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Griffiths, Andrew
Jackson, Ronald
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                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
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s, James
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; OTHER INFORMATION: Degenerate VH forward primer useful
; OTHER INFORMATION: amplifying human VH domains
US-09-832-929A-36
                                                                                                                                                     US-09-833-111A-36
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CURRENT APPLICATION NUMBER: US/09/832,929A
CURRENT FILING DATE: 2001-04-12
PRIOR APPLICATION NUMBER: 60/229,358
PRIOR FILING DATE: 2000-04-12
PRIOR PILING DATE: 2000-04-12
PRIOR APPLICATION NUMBER: 60/256,931
PRIOR FILING DATE: 2000-12-21
PRIOR PILING DATE: 2000-12-21
PRIOR APPLICATION NUMBER: 60/199,384
PRIOR FILING DATE: 2000-04-25
NUMBER OF SEQ ID NOS: 82
                                                                                                                                                                                                                                                                                           SEQ ID NO 36
LENGTH: 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 36
LENGTH: 23
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                                                                                              Best Local Similarity
                                                                                                              Query Match
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Best Local Similarity 95.0%;
                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: 60/256,931
PRIOR FILING DATE: 2000-12-21
PRIOR APPLICATION NUMBER: 60/199,384
PRIOR FILING DATE: 2000-04-25
NUMBER OF SEQ ID NOS: 82
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Human Genome Sciences, Inc.
TITLE OF INVENTION: Albumin Fusion Proteins
FILE REFERENCE: PE948PCT
CURRENT APPLICATION NUMBER: US/09/833,111A
CURRENT FILING DATE: 2001-04-12
PRIOR APPLICATION NUMBER: 60/229,358
PRIOR PILING DATE: 2000-04-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: Albumin Fusion Proteins
                                                                                                                                                            FEATURE:
NAME/KEY: primer bind
OTHER INFORMATION: Degenerate VH forward primer useful
OTHER INFORMATION: amplifying human VH domains
                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence FEATURE:
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GACTGCACCAGCTGCACCTG 1
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95.0%; I
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RESULT 12 US-08-211-202-43/c ; Sequence 43, Application US/08211202 ; Patent No. 5565332 ; GENERAL INFORMATION:

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RESULT 13
US-10-114-716A-27/c
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Sequence 27, Application US/10114716A
PATENT NO. 6855804
GENERAL INFORMATION:
APPLICANT: Sudhir Paul
APPLICANT: Yasuhiro Nishiyama
TITLE OF INVENTION: Covalently Reactive Transition State
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE: 312-474-6300
TELEPAX: 312-474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 38 base pairs
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PILING DATE: 23-SEP-1992
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9120252.3
PILING DATE: 23-SEP-1991
PRIOR APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPATIBLE PC-DOS
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APPLICANT: WINTER, Gregory Paul
TITLE OF INVENTION: Production of chimeric antibodies
TITLE OF INVENTION: combinatorial approach
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: David W. Clough
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 24-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9206372.6
FILING DATE: 24-MAR-1992
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELECOMMUNICATION INFORMATION: TELEPHONE: 312-474-6300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: GB 9:
FILING DATE: 25-SEP-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9:
FILING DATE: 24-MAR-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS:
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FILING DATE: 15-MAY-1992
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: David W. Clough, Marshall O'Toole Gerstein Murray & ADDRESSEE: Borun
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                                                                                                                                                                                                                                                                                                                                                                                                                          linear
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95.0%; Pred. No. 29;
tive 0; Mismatches
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APPLICANT: Usuchlar, Joe
APPLICANT: Valkirs, Gunars
APPLICANT: Valkirs, Gunars
APPLICANT: Gray, Jeff
APPLICANT: Lonberg, Nils
TITLE OF INVENTION: HUMAN ANTIBODIES AS DIAGNOSTIC REAGENTS
FILE REFERENCE: 020015-000200US
CURRENT APPLICATION NUMBER: US/09/456,090A
CURRENT FILING DATE: 1999-12-06
IVMBER OF SEQ ID NOS: 110
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO
LENGTH: 43
TYPE: DNA
ORGANISM: Artificial Sequence
FRAMTIER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Oligo US-09-456-090A-2
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US-09-453-234-2/c
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                                                   APPLICANT: Buechler, Joe APPLICANT: Valkirs, Gunars APPLICANT: Valkirs, Francisco Gray, Jeff APPLICANT: Lonberg, Nils APPLICANT: Biosite Diagnosti APPLICANT: GenPharm Internat
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GENERAL INFORMATION:
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Best Local Similarity 95.0%;
Matches 19; Conservative 0
                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                     Sequence 2, Application US/09453234
Patent No. 6794132
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: Analogs and Methods of Use Thereof FILE REFERENCE: UTHOOHHB CURRENT APPLICATION NUMBER: US/10/114,716A CURRENT FILING DATE: 2002-04-01 PRIOR APPLICATION NUMBER: 09/862,849 PRIOR FILING DATE: 2001-05-22 PRIOR APPLICATION NUMBER: 09/046,373 PRIOR APPLICATION NUMBER: 09/046,373 PRIOR FILING DATE: 1998-03-23 PRIOR APPLICATION NUMBER: 60/280,624 PRIOR FILING DATE: 1998-03-31
             APPLICANT: Lonberg, Nils
APPLICANT: Blosite Diagnostics, Inc.
APPLICANT: GenPharm International
TITLS OF INVENTION: Human Antibodies
FILE REFERENCE: 020015-000110US
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ORGANISM: Homo sapiens
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US/09/453,234
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Pred. No. 29;
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Maximum
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Maximum Match 100%
Listing first 45 summaries
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Perfect score:
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      Published_Applications_NA_Main:*

1: /cgn2_6/ptodata/1/pubpna/USO7_PUBCOMB.seq:*

2: /cgn2_6/ptodata/1/pubpna/USO8_PUBCOMB.seq:*

3: /cgn2_6/ptodata/1/pubpna/USO9A_PUBCOMB.seq:*

4: /cgn2_6/ptodata/1/pubpna/USO9A_PUBCOMB.seq:*

5: /cgn2_6/ptodata/1/pubpna/USO0A_PUBCOMB.seq:*

6: /cgn2_6/ptodata/1/pubpna/USO0A_PUBCOMB.seq:*

7: /cgn2_6/ptodata/1/pubpna/USO0A_PUBCOMB.seq:*

9: /cgn2_6/ptodata/1/pubpna/USO0A_PUBCOMB.seq:*

9: /cgn2_6/ptodata/1/pubpna/USO0A_PUBCOMB.seq:*

9: /cgn2_6/ptodata/1/pubpna/USO0A_PUBCOMB.seq:*

10: /cgn2_6/ptodata/1/pubpna/USO0A_PUBCOMB.seq:*
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     GenCore version 5.1.7 (c) 1993 - 2006 Biocceleration Ltd.
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                  US-10-006-591-3

US-09-192-854-199

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US-09-968-561A-325

US-09-968-744A-337

US-09-968-744A-337

US-09-968-561A-325

US-09-968-561A-325

US-10-115-682-325

US-11-115-682-327

US-11-115-682-337

US-09-810-999-1

US-09-810-999-1

US-09-810-999-1

US-09-810-999-1

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Sequence 3, Appli
Sequence 187, App
Sequence 199, App
Sequence 325, App
Sequence 327, Appli
Sequence 1, Appli
Sequence 7, Appli
Sequence 2, Appli
Sequence 2, Appli
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Sequence 1550, Ap
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Sequence 1539, Ap
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Sequence 14, Appl
Sequence 14, Appl
Sequence 31, Appl
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US-10-006-591-3
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APPLICANT: Frederickson, Shana
APPLICANT: Lin, Ying-Chi
APPLICANT: Renshaw, Mark
APPLICANT: Wild, Martha
APPLICANT: wild, Martha
APPLICANT: McWhirter, John
                                                                                                                                                              Matches
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25 15 100.0 23 US-09-974-052-31 27 15 100.0 23 US-09-990-025-29 28 15 100.0 23 US-09-990-025-29 28 15 100.0 23 US-09-990-025-29 29 15 100.0 23 US-09-990-027-29 30 US-09-990-027-29 31 15 100.0 23 US-09-990-027-29 31 15 100.0 23 US-09-974-54-6-31 34 15 100.0 23 US-09-933-041-46 35 15 100.0 23 US-09-933-041-46 35 15 100.0 23 US-09-933-041-46 35 15 100.0 23 US-09-833-041-46 35 15 100.0 23 US-09-833-041-46 35 US-10-095-896-48 40 15 100.0 23 US-10-075-896-48 40 15 100.0 23 US-10-075-896-48 41 15 100.0 23 US-10-075-896-48 42 15 100.0 23 US-10-080-980-38 42 15 100.0 23 US-10-080-980-38 42 15 100.0 23 US-10-080-980-38 45 15 100.0 23 US-10-080-980-38 45 15 100.0 23 US-10-080-980-38 45 US-10-081-156-68 44 15 100.0 23 US-10-080-980-38 45 US-10-081-775-38	c	ဂ	ი	ი	ი	a	ი	Ω		n	ი	ი			n							•
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ALIGNMENTS

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FILE REFERENCE: 1087-3
CURRENT APPLICATION NUMBER: US/10/006,591
CURRENT FILING DATE: 2001-12-05
PRIOR APPLICATION NUMBER: 60/251,440
PRIOR FILING DATE: 2000-12-05
PRIOR FILING DATE: 2000-13-05
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PatentIn version 3.1
SEQ ID NO 3
LENGTH: 16
TYPE: DNA
RESULT 2
US-09-192-854-187/c
; Sequence 187, Application US/09192854
; Patent No. US20020068276A1
; GENERAL INFORMATION:
; APPLICANT: Winter, Greg
                                                                                                                                                                                                                                                                                                            ; NAMB/KEY: misc feature
; LOCATION: (16) ... (16)
; OTHER INFORMATION: n is
US-10-006-591-3
                                                                                                                                                                                                                                                     Query Match
Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE: OTHER INFORMATION: Description of Artificial Sequence: collar sequence
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CURRENT APPLICATION NUMBER: US/09/192,854
; CURRENT FILING DATE: 1998-11-17
; EARLIER APPLICATION NUMBER: 60/066,729
; EARLIER FILING DATE: 1997-11-21
; MUMBER OF SEQ ID NOS: 212
; SOFTWARE: PatentIN Ver. 2.0
; SEQ ID NO 187
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-192-854-187
                                                                                                                                                                                                                                                                          US-09-968-561A-325/c ; Sequence 325, Application US/09968561A ; Patent No. US20020164642A1
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APPLICANT: Tomlinson, Ian
APPLICANT: Tomlinson, Ian
FITTLE OF INVENTION: Methods for Selecting Fu
FILE REFERENCE: 3789/72916
CURRENT APPLICATION NUMBER: US/09/192,854
CURRENT FILING DATE: 1998-11-17
EARLIER APPLICATION NUMBER: 60/066,729
EARLIER FILING DATE: 1997-11-21
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US-09-192-854-199/c
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SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 199
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GENERAL INFORMATION:
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                                                                                                                                              FILE REFERENCE: 8039/1073B
CURRENT APPLICATION NUMBER: US/09/968,561A
CURRENT FILING DATE: 2001-10-01
             PRIOR APPLICATION NUMBER: GB 9722131.1
PRIOR APPLICATION 1997-10-20
PRIOR APPLICATION NUMBER: US 60/065,248
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: US 60/066,729
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: PCT/GB98/03135
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APPLICANT: Winter, Gregory
TITLE OF INVENTION: Method to Screen Phage Display Libraries with Different Ligands
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
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1998-10-20
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Pred. No. 2.3e+02;
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Pred. No. 2.3e+02;
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; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Synthetic PCR primer
US-09-968-561A-337
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILE REFERENCE: 8039/1073B
CURRENT APPLICATION NUMBER: US/09/968,561A
CURRENT FILING DATE: 2001-10-01
PRIOR APPLICATION NUMBER: GB 9722131.1
PRIOR APPLICATION NUMBER: US 60/065,248
PRIOR APPLICATION NUMBER: US 60/065,248
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: US 60/066,729
PRIOR APPLICATION NUMBER: US 60/066,729
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: PCT/GB98/03135
PRIOR APPLICATION NUMBER: PCT/GB98/03135
PRIOR FILING DATE: 1998-10-20
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US-09-968-561A-337/c
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                                                                                             US-09-968 744A-325/c
Sequence 325, Application US/09968744A
Publication No. US20030148372A1
GENERAL INFORMATION:
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                                                                                                                                                                            RESULT 6
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SOFTWARE: Patentin version 3.1
SEQ ID NO 337
LENGTH: 20
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 325
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Best Local Similarity
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Best Local (
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APPLICANT: Winter, Gregory
TITLE OF INVENTION: Method to Screen Phage Display Libraries with Different Ligands
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PRIOR FILING DATE: 2000-02-24
                  APPLICANT: Tomlinson, Ian M
APPLICANT: Winter, Gregory
TITLE OF INVENTION: Method to Screen Phage Display Libraries with Different Ligands
FILB REFERENCE: 8039/1073
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: US 09/511,939
PRIOR FILING DATE: 2000-02-24
CURRENT APPLICATION NUMBER: US/09/968,744A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
RAME/KEY: misc_feature
OTHER INFORMATION: Synthetic PCR primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
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Pred. No.
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Pred. No. 2.3e+02
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shes 0;
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FEATURE:
INAME/KEY: misc feature
OTHER INFORMATION: Synthetic PCR primer
US-09-968-744A-325
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                                                                                                                                                       ; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Synthetic PCR primer
US-09-968-744A-337
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SOFTWARE: PatentIn vers
SEQ ID NO 325
LENGTH: 20
TYPE: DNA
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PRIOR FILING DATE: 1997-10-20
PRIOR APPLICATION NUMBER: US 60/065,248
PRIOR FILING DATE: 1997-11-13
PRIOR PRIOR APPLICATION NUMBER: US 60/066,729
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: PCT/GB98/03135
PRIOR APPLICATION NUMBER: US 09/511,939
PRIOR APPLICATION NUMBER: US 09/511,939
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: US 09/511,939
PRIOR FILING DATE: 2000-02-24
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PRIOR FILING DATE: 1997-11-13
PRIOR PPLICATION NUMBER: US 60/066,729
PRIOR PILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: PCT/GB98/03135
PRIOR PILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: US 09/511,939
PRIOR PILING DATE: 2000-02-24
                                                                                                                                                                                                                                                         SOFTWARE: Pat
SEQ ID NO 337
LENGTH: 20
TYPE: DNA
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CURRENT APPLICATION NUMBER: US/09/968,744A
CURRENT FILING DATE: 2003-01-13
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IITLE OF INVENTION: Method to Screen Phage Display Libraries with Different Ligands
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APPLICANT: Winter, Gı
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                                                                                             Similarity
                                                                                                                                                                                                                                                                                                                     PatentIn version 3.1
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                                     GGGTCATCTGGATGT 15
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5. US20030148372A1
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Pred. No. 2.3e+02;
; Mismatches 0;
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Pred. No. 2.3e+02;
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RESULT 8

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                                               US-09-968-561A-337
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PRIOR APPLICATION NUMBER: GB 9722131.1
PRIOR FILING DATE: 1997-10-20
PRIOR APPLICATION NUMBER: US 60/065,248
PRIOR FILING DATE: 1997-11-13
PRIOR PILING DATE: 1997-11-21
PRIOR PILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: US 60/066,729
PRIOR PILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: PCT/GB98/03135
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SOFTWARE: Pate
; SEQ ID NO 325
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CURRENT APPLICATION NUMBER: US/09/968,561A
CURRENT FILING DATE: 2001-10-01
PRIOR APPLICATION NUMBER: GB 9722131.1
PRIOR PPLICATION NUMBER: US 60/065,248
PRIOR PPLICATION NUMBER: US 60/065,248
PRIOR PILING DATE: 1997-11-13
PRIOR PILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: US 60/066,729
PRIOR APPLICATION NUMBER: US 60/066,729
PRIOR PILING DATE: 1997-11-21
PRIOR PILING DATE: 1997-11-21
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PRIOR FILING DATE: 1998-10-20
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 337
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Publication No. US20040038291A2 GENERAL INFORMATION:
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Best Local !
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Query Match
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TITLE OF INVENTION: Method to Screen Phage Display Libraries with Different Ligands
FILE REFERENCE: 8039/1073B
CURRENT APPLICATION NUMBER: US/09/968,561A
CURRENT FILING DATE: 2001-10-01
                                                                                                                                                                                                                                                                                   PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: US 09/511,939
PRIOR FILING DATE: 2000-2-24
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TITLE OF INVENTION: Method to Screen Phage Display Libraries with Different Ligands
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PRIOR FILING DATE: 2000-02-24
                                                                                                                               LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
                                                              FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: Synthetic PCR primer
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FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: Synthetic PCR primer
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  100.0%;
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  Score 15;
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Length 20;
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; OTHER INFORMATION: Synthetic PCR primer
US-11-115-682-325
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US-11-115-682-325/c
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PRIOR FILING DATE: 1997-10-20
PRIOR PPLICATION NUMBER: US 66/065,248
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: US 66/066,729
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: PCT/GB98/03135
PRIOR PILING DATE: 1998-10-20
PRIOR FILING DATE: 1998-10-20
PRIOR PPLICATION NUMBER: US 09/511,939
PRIOR PPLICATION NUMBER: US 09/511,939
PRIOR PRILING DATE: 2000-02-24
NUMBER OF SEQ ID NOS: 350
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Best Local (
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SEQ ID
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CURRENT FILING DATE: 2005-04-27
PRIOR APPLICATION NUMBER: G9 9722131.1
PRIOR FILING DATE: 1997-10-20
PRIOR APPLICATION NUMBER: US 60/065,248
PRIOR FILING DATE: 1997-11-13
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TITLE OF INVENTION: Method to Screen Phage Display Libraries with Different Ligands
FILE REFERENCE: 8039/1073B
CURRENT APPLICATION NUMBER: US/11/115,682
CURRENT FILING DATE: 2005-04-27
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                                                        PRIOR APPLICATION NUMBER: US 60/066,729
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: PCT/GB98/03135
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: US 09/511,939
PRIOR FILING DATE: 2000-02-24
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APPLICANT: Winter, Gregory
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APPLICANT: Winter, Gregory
TITLE OF INVENTION: Method to Screen Phage Display Libraries with Different Ligands
FILB REFERENCE: 8039/1073B
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                                      NUMBER OF SEQ ID NOS: 350
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                  PatentIn
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b. US20050202512A1
                    version 3.1
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); Mismatches 0;
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Pred. No. 2.3e+02;
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Publication No. US20030157093A1
GENERAL INFORMATION:
APPLICANT: Neville, David M.
APPLICANT: Scharff, Joshua E.
APPLICANT: Thombson
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US-09-389-565-7/c
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 1, Application US Patent No. US20010024645A1 GENERAL INFORMATION:
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILE REFERENCE: 14028.0284U2
CURRENT APPLICATION NUMBER: US/09/810,999
CURRENT FILING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: 09/064,413
PRIOR FILING DATE: 1998-04-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Neville, David M.
APPLICANT: Thomas, Judith T.
APPLICANT: Thomas, Francis T.
TITLE OF INVENTION: USE OF IMMUNOTOXINS TO INDUCE IMMUNE
TITLE OF INVENTION: TOLERANCE TO PANCREATIC ISLET TRANSPLANTATION
                               FILE REFERENCE: 14028.0290
CURRENT APPLICATION NUMBER: US/09/389,565
CURRENT FILING DATE: 1999-09-03
PRIOR APPLICATION NUMBER: 08/739,703
PRIOR FILING DATE: 1996-10-29
PRIOR APPLICATION NUMBER: 60/008,104
PRIOR FILING DATE: 1995-10-30
                                                                                                                                               APPLICANT: Ma. Shenglin
TITLE OF INVENTION: AN IMMUNOTOXIN WITH IN VIVO
TITLE OF INVENTION: SUPPRESSANT ACTIVITY AND MET
FILE REFERENCE: 14028.0290
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APPLICANT:
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OTHER INFORMATION: Synthetic PCR primer
SOFTWARE:
               NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Description of Artificial Sequence:/noteOTHER INFORMATION: synthetic construct
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
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15; Conserv
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15; Conserv
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Scharff, Joshua E.
Thompson, Jerry Todd
Hu, Huaizhong
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FastSEQ for Windows Version 3.0
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100.0%; Pred. No.
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2.3e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 21;
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FILE REPERENCE: 14028.0284U2

CURRENT APPLICATION NUMBER: US/09/810,999

CURRENT FILING DATE: 2001-03-16

PRIOR APPLICATION NUMBER: 09/64,413

PRIOR FILING DATE: 1998-04-22

NUMBER OF SEQ ID NOS: 14

SOFTMARE: PASTSEQ for Windows Version 4.0

SEQ ID NO 1

LENGTH: 21

TYPE: DNA

ORGANISM: Artificial Sequence
PEATURE: TYPES INCOMPATION. Description of Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                   Sequence 2, Application US/1043567
Publication No. US20030185825A1
GENERAL INFORMATION:
APPLICANT: Neville, David M.
APPLICANT: Knechtle, Stuart
APPLICANT: Thomas, Judith M.
APPLICANT: Thompson, Jerry T.
APPLICANT: Hu, Huaizhong
APPLICANT: Ma, Shenglin
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US-10-435-567-2/c
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US-09-810-999-1/c
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Best Local S
Matches 15
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Publication No. US20050142117A9
GENERAL INFORMATION:
APPLICANT: Neville, David M.
APPLICANT: Thomas, Judith T.
APPLICANT: Thomas, Judith T.
APPLICANT: Thomas, Francis T.
TITLE OF INVENTION: USB OF IMMUNOTOXINS TO INDUCE IMMUNE
TITLE OF INVENTION: TOLERANCE TO PANCREATIC ISLET TRANSPLANTATION
ETITLE DEPENDENCE: 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 07 14028 
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LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Best Local Similarity
Matches 15; Conserve
TITLE OF INVENTION: IMMUNETOXINS AND METHODS OF INDUCING TITLE OF INVENTION: IMMUNE TOLERANCE FILE REPERENCE: 14028.0287
CURRENT APPLICATION NUMBER: US/10/435,567
CURRENT FILING DATE: 2003-05-09
FRIOR APPLICATION NUMBER: US/09/380,484
PRIOR APPLICATION NUMBER: PCT/US98/04303
PRIOR PILING DATE: 1999-12-06
PRIOR PILING DATE: 1998-03-05
PRIOR PILING DATE: 1998-03-05
PRIOR PILING DATE: 1998-03-05
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Pred. No. 2.3e+02;
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PRIOR FILING DATE: 1997-03-05

NUMBER OF SEQ ID NOS: 16

SOFTWARE: FASTSEQ for Windows Version 4.0

SEQ ID NO 2

LENGTH: 21

TYPE: DNA

ORGANISM: Artificial Sequence
PEATURE:
OTHER INFORMATION: Description of Artificial Sequence:/note =
OTHER INFORMATION: Synthetic construct
US-10-435-567-2

Query Match
Best Local Similarity 100.0%; Score 15; DB 6; Length 21;
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps

OY 1 GGGTCATCTGGATGT 15

Db 16 GGGTCATCTGGATGT 2
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Search completed: February 12, 2006, 18:36:50 Job time : 194.076 secs

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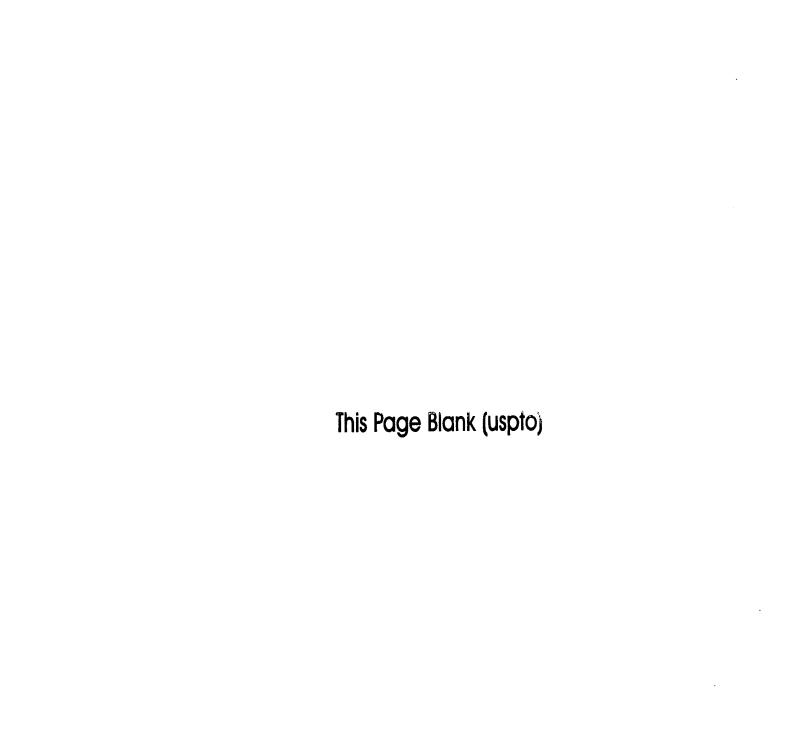
November 2005

Published_Applications Nucleic Acid and Published_Applications Amino Acid database searches now generate two sets of results each. The Published_Applications databases have been split into two parts to reduce the amount of time required for their daily updates. This results in more machine time being available for processing searches.

Newly published applications will appear in the Published_Applications_New databases: older published applications make up the Published_Applications_Main databases.

Searches run against Nucleic Acid Published_Applications produce two sets of results, with the extensions .rnpbm (Published_Applications_NA_Main) and .rnpbn (Published_Applications_NA_New).

Searches run against Amino Acid Published_Applications produce two sets of results, with the extensions .rapbm (Published_Applications_AA_New).



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Minimum DB
Maximum DB
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Maximum Match 100%
Listing first 45 summaries
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                                                                                                                                                                                                                                                                                                                            Result
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     Published Applications NA New:*

1: /cgn2_6/ptodata/1/pubpna/US06_NEW_PUB.seq:*

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3: /cgn2_6/ptodata/1/pubpna/US07_NEW_PUB.seq:*

4: /cgn2_6/ptodata/1/pubpna/US07_NEW_PUB.seq:*

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7: /cgn2_6/ptodata/1/pubpna/US11_NEW_PUB.seq:*

9: /cgn2_6/ptodata/1/pubpna/US11_NEW_PUB.seq:*

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12: /cgn2_6/ptodata/1/pubpna/US11_NEW_PUB.seq3:*
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Gapop 10.0 , Gapext 1.0
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                                                          100.0
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128.916 Million cell updates/sec
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Copyright (c) 1993 - 2006 Biocceleration Ltd
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    BB
7 US-10-967-457-46
1 US-11-12-649-72
11 US-11-12-849-24405
11 US-11-024-251-47
11 US-11-041-095-11
11 US-11-041-095-12
11 US-11-041-095-13
11 US-11-041-095-23
11 US-11-041-095-23
11 US-11-041-095-24
11 US-11-041-095-24
11 US-11-041-095-27
11 US-11-041-095-27
11 US-11-041-095-27
11 US-11-095-25
11 US-11-095-25
11 US-11-095-25
11 US-11-099-873-22
11 US-11-099-873-22
11 US-11-099-873-22
11 US-11-099-769A-22
11 US-11-099-769A-23
11 US-11-099-769A-24
                                                                                                                                                                                                                                                                                                                                                       SUMMARIES
Sequence 46, Appl
Sequence 27, Appl
Sequence 17, Appl
Sequence 11, Appl
Sequence 11, Appl
Sequence 12, Appl
Sequence 13, Appl
Sequence 23, Appl
Sequence 24, Appl
Sequence 78, Appl
Sequence 105, Appl
Sequence 105, Appl
Sequence 222, Appl
Sequence 222, Appl
Sequence 223, Appl
Sequence 223, Appl
Sequence 223, Appl
Sequence 224, Appl
Sequence 227, Appl
Sequence 234, Appl
Sequence 345, App
Sequence 346, Ap
Sequence 3491, App
Sequence 3491, App
Sequence 3491, App
Sequence 3491, App
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Query M Best Lo Matches Qy		RESULT 1 US-10-967-4 Sequence Publicati GENERAL 1 APPLICAN TITLE OF	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
atch cal Similar 15; Con 1 GGGTCA 16 GGGTCA	MAPPLICATION I PILING DATE: APPLICATION I FILING DATE: APPLICATION I NO 46 INFORMATION R INFORMATION R INFORMATION R INFORMATION R INFORMATION	457-46/c 46, App cion No. INFORMAT INFORMAT INFORMAT INFORMAT FINENCE: GREENCE:	15 100.0 15 100.0 16 100.0 17 100.0 18 100.0 18 100.0 19 100.0 19 100.0 10 100
15	7/22 2/22 2/22 2/25 1/25 5/19		84 7 US 87 7 US 87 7 US 287 11 U 287 11 U
Score 15; DB Pred. No. 37; ; Mismatches	10-19 12 0/229,358 0/229,358 0/256,931 21 0/199,384 25 nce nce rate Vkappa forward pring human VL domains	ALIGNMENTS 0967457 A1 A1 ncee, Inc. Pusion Proteins US/10/967,457	-10-839-799-1 -10-473-037-1 -10-473-037-1 -10-473-037-4 -11-084-554 -11-084-554 -11-084-554 -11-084-554 -11-084-554 -11-084-554 -11-084-554 -11-084-554 -11-084-554 -11-084-554 -11-084-554 -11-084-554 -11-136-250 -11-136-250 -11-136-250 -11-136-250 -11-136-250 -11-136-250 -11-136-250 -11-136-250 -11-136-250
7; Length 23 0; Indels	primer useful		
; 0; Gaps	rh O H		Sequence 100, Sequence 18, 3 Sequence 43, 3 Sequence 162 Sequence 167 Sequence 177 Sequence 177 Sequence 178 Sequence 178 Sequence 178 Sequence 183 Sequence 193 Sequence 194 Sequence 162 Sequence 162 Sequence 162 Sequence 167 Sequence 167 Sequence 171 Sequence 171 Sequence 171 Sequence 171 Sequence 171 Sequence 172 Sequence 173
0,			App 1 App 1 App 1 App 1 App 1 App 1 App 2

RESULT 2
US-11-175-690-72/c
; Sequence 72, Application US/11175690
; Publication No. US20060014254A1
; GENERAL INFORMATION:

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ORGANISM: Artificial Sequence
PEATURE:
NAME/KEY: primer_bind
OTHER INFORWATION: Degenerate Vkappa forward primer useful for
US-11-175-690-72
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                                                                                                                                      ; TYPE: DNA
; ORGANISM: Homo sapien
US-11-121-849-24405
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CURRENT FILING DATE: 2005-07-07
PRIOR APPLICATION NUMBER: PCT/US04/001369
PRIOR FILING DATE: 2004-01-20
PRIOR APPLICATION NUMBER: US 60/441,305
PRIOR APPLICATION NUMBER: US 60/453,201
PRIOR APPLICATION NUMBER: US 60/453,201
PRIOR FILING DATE: 2003-03-11
PRIOR FILING DATE: 2003-03-11
                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/11/121,849
CURRENT FILING DATE: 2005-05-03
PRIOR APPLICATION NUMBER: 60/567,949
PRIOR FILING DATE: 2004-05-03
NUMBER OF SEQ ID NOS: 673904
SOPTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 24405
                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 24405, Application US/11121849 Publication No. US20050272080A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: US 60/506,746 PRIOR FILING DATE: 2003-09-30 NUMBER OF SEQ ID NOS: 568
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: Patentin Ver. 2.0 EQ ID NO 72
                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: John Palma
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FILING DATE: 2003-06-06
APPLICATION NUMBER: US 60/505,172
FILING DATE: 2003-09-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US 60/467,222
FILING DATE: 2003-05-02
APPLICATION NUMBER: US 60/472,816
FILING DATE: 2003-05-23
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Pred. No.
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RESULT 4

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RESULT 6

US-11-041-095-12/c

US-11-041-095-12/c

Sequence 12, Application US/11041095

; Deblication No. US20060024782A1

; GENERAL INFORMATION:

APPLICANT: Lehnbeck, Jan

; TITLE OF INVENTION: Production of a Monoclonal Antibody in a Hete

; TITLE OF INVENTION: in a Fungal Host Cell

; FILE REFERENCE: 10453.200-US

; CURRENT APPLICATION NUMBER: US/11/041,095

; CURRENT FILING DATE: 2005-01-20

; NUMBER OF SEQ ID NOS: 74
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Publication No. US20050266425A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: PatentIn version 3.3
SEQ ID NO 11
LENGTH: 35
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Best Local :
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CURRENT APPLICATION NUMBER: US/11/041,095
CURRENT FILING DATE: 2005-01-20
NUMBER OF SEQ ID NOS: 74
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Lehmbeck, Jan
TITLE OF INVENTION: production of a Monoclonal Antibody
TITLE OF INVENTION: in a Fungal Host Cell
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/11/024,251
CURRENT FILING DATE: 2004-12-29
PRIOR APPLICATION NUMBER: 60/533,241
PRIOR FILING DATE: 2003-12-31
NUMBER OF SEQ ID NOS: 129
SOFTWARE: PatentIn version 3.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Zauderer, Maurice APPLICANT: Paris, Mark
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILE REFERENCE: 1843.0230001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Paris, Mark
TITLE OF INVENTION: Methods for Producing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: Primer for PCR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
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Pred. No.
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39;
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                                                                                                                                                 Heterokaryon Fungus
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; OTHER INFORMATION: Primer
US-11-041-095-17
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                                                                                                      APPLICANT: Lehnbeck, Jan
TITLE OF INVENTION: Production of a Monoclonal Antibody in a Heterokaryon Fungus (
TITLE OF INVENTION: in a Fungal Host Cell
FILE REFERENCE: 10453.200-US
CURRENT APPLICATION NUMBER: US/11/041,095
CURRENT FILING DATE: 2005-01-20
NUMBER.OF SEQ ID NOS: 74
SOFTWARE: Patentin version 3.3
SEQ ID. NO 18
LENGTH: 35
TYPE: DNA
TYPE: DNA
TYPE: DNA
TYPE: DNA
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Matches
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TITLE OF INVENTION: Production of a Monoclonal Antibody in a Heterokaryon Fungus or
TITLE OF INVENTION: in a Fungal Host Cell
FILE REFERENCE: 10453.200-US
CURRENT PILING DATE: 005-01-20
NUMBER OF SEQ ID NOS: 74
SOFTWARE: Patentin version 3.3
SEQ ID NO 17
LENGTH: 35
TYPE: DNA
ORGANISM: Artificial
                                                                                                                                                                                                                                                                                                       Sequence 18, Application US/11041095 Publication No. US20060024782A1 GENERAL INFORMATION:
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Query Match 100.0%; Score 15; DB Best Local Similarity 100.0%; Pred. No. 39; Matches 15; Conservative 0; Mismatches
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Best Local Similarity
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Best Local
                                                                 OTHER INFORMATION: Primer for PCR -11-041-095-18
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ORGANISM: Artificial
PEATURE:
                                                                                                 ORGANISM: Artificial PEATURE:
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Pred. No. 39;
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Pred. No. 39;
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RESULT 10
US-11-041-095-24/c
US-11-041-095-24/c
US-11-041-095-24/c
Sequence 24, Application US/11041095
; Publication No. US20060024782A1
; Publication No. US20060024782A1
; GENERAL INFORMATION:
; APPLICANT: Lehabeck, Jan
; TITLE OF INVENTION: Production of a Monoclonal Antibody in a Heterokaryon Fungus
; TITLE OF INVENTION: in a Fungal Host Cell
; FILE REFERENCE: 10453.200-US
; CURRENT APPLICATION NUMBER: US/11/041,095
; CURRENT FILING DATE: 2005-01-20
                                                                                                             RESULT 11
US-11-024-251-78/c
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, Sequence 23, Application US/11041095
; Publication No. US20060024782A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: Primer for PCR US-11-041-095-24
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                                                           Sequence 78, Application US/11024251
Publication No. US20050266425A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILE REFERENCE: 10453.200-US
CURRENT APPLICATION NUMBER: US/11/041,095
CURRENT FILING DATE: 2005-01-20
NUMBER OF SEQ ID NOS: 74
SOPTWARE: PATENTIN VERSION 3.3
SEQ ID NO 23
LENGTH: 35
                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 74
SOFTWARE: Patentin version 3.3
SEQ ID NO 24
LENGTH: 35
                                                                                                                                                                                                                                                                                Query Match
Best Local
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APPLICANT: Zauderer, Maurice
APPLICANT: Paris, Mark
TITLE OF INVENTION: Methods for Producing and Identifying Multispecific Antibodies
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Lehmbeck, Jan
TITLE OF INVENTION: Production of a Monoclonal Antibody
TITLE OF INVENTION: in a Fungal Host Cell
                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRATURE:
OTHER INFORMATION: Primer for PCR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial
                                                                                                                                                                                                                                                                                Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Local Similarity es 15; Conserv
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Pred. No.
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Pred. No.
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FILE REFERENCE: 1843.0230001
CURRENT APPLICATION NUMBER: US/11/024,251
CURRENT FILING DATE: 2004-12-29
PRIOR APPLICATION NUMBER: 60/533,241
PRIOR FILING DATE: 2003-12-31
I PRIOR FILING DATE: 2003-12-31
I NUMBER OF SEQ ID NOS: 129
SOPTWARE: Patentin version 3.3
SEQ ID NO 78
SEQ ID NO 78
SEQ ID NO 78
SEQ ID NO 78
TYPE: DNA
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US-10-925-366A-14/c
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                                                                       US-10-925-366A-14
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SEQ ID NO 14
                 Query Match
Best Local Similarity
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   Matches
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APPLICANT:
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                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: PCT/GB2003/005646
PRIOR FILING DATE: 2003-12-24
PRIOR APPLICATION NUMBER: GB 0327706.8
PRIOR FILING DATE: 2003-11-28
PRIOR APPLICATION NUMBER: US 60/509,613
PRIOR PILING DATE: 2003-10-08
NUMBER OF SEQ ID NOS: 368
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APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Brewis, Neil
TITLE OF INVENTION: Compositions and Methods for Treating Inflammatory Disorders
FILE REFERENCE: 8039/2105
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Ignatovich, Olga
APPLICANT: DeWildt, Rudolph M.T.
                                                                                                                                                                                            SOFTWARE: PatentIn version 3.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR FILING DATE: 2003-12-23
PRIOR APPLICATION NUMBER: PCT/GB2003/002804
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: US 10/744,774
                                                                                                                 TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial FEATURE:
                                                                                      FEATURE:
OTHER INFORMATION:
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APPLICATION NUMBER: PCT/GB2002/03014
FILING DATE: 2002-06-28
                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: GB 0230202.4 FILING DATE: 2002-12-27 APPLICATION NUMBER: GB 115841.9 FILING DATE: 2001-06-28
                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US 60/535,076 FILING DATE: 2004-01-08
                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 2004-06-30
                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: PCT/GB2004/002829
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   15;
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Jones, Philip
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No. US20050271663A1
100.0%; ilarity 100.0%; Conservative 0
                                                                                      Synthetic PCR
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 Score 15; DB Pred. No. 39; O; Mismatches
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Pred. No. 39;
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US-10-839-799-105
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RESULT 14
US-10-839-799-106/c
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                                                                                                                                                     Query Match
Best Local Similarity
Matches 15; Conserv
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INFORMATION FOR SEQ ID NO: 105:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/08/646,265
FILING DATE: 09-SEP-1996
APPLICATION NUMBER: WO PCT/JP94/01763
FILING DATE: 19-OCT-1994
APPLICATION NUMBER: JP 5-291078
FILING DATE: 19-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: WECNER, Harold C.
REGISTRATION NUMBER: 25,258
REGISTRATION NUMBER: 25,258
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible operating system: PC-DOS/MS-DOS SOFTWARE: Patentin Release #1.0, \CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/839,799
FILING DATE: 06-May-2004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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TITLE OF INVENTION: RESHAPED HUMAN ANTIBODY TO HUMAN
MEDULLOBLASTOMA CELLS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 132
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
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TELEPHONE: (202)672-5300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                     LENGTH: 41 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                             GGGTCATCTGGATGT 22
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: USA
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                                                                                                                                                                                                                                                                           TOPOLOGY: linear
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5. US20050249726A1
                                                                                                                                                     100.0%; Score 15; DB ilarity 100.0%; Pred. No. 39; Conservative 0; Mismatches
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Sequence 106, Application US/10839799 Publication No. US20050249726A1 GENERAL INFORMATION:

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APPLICANT: OHTOMO, Toshihiko

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; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 106:
US-10-839-799-106
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US-11-009-840A-222/c
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APPLICANT: Monder, NILS
APPLICANT: Lonberg, NILS
APPLICANT: Kay, Robert M.
TITLE OF INVENTION: TRANSGENIC NON-HUMAN ANIMALS FOR PRODUCING HETEROLOGOUS
TITLE OF INVENTION: AND CHIMERIC ANTIBODIES
FILE REFERENCE: 04280/1201643-US8
CURRENT FILING DATE: 2004-12-10
PRIOR APPLICATION NUMBER: US 09/724,965
PRIOR FILING DATE: 2000-11-28
PRIOR APPLICATION NUMBER: US 08/758,417
PRIOR PHILING DATE: 1996-12-02
PRIOR FILING DATE: 1996-12-02
PRIOR FILING DATE: 1996-10-10
PRIOR FILING DATE: 1996-10-10
PRIOR FILING DATE: 1996-10-10
PRIOR PHILING DATE: 1996-10-10
                                                                                                                                                                                                                                                                                                                                                                  Sequence 222, Application US/11009840A Publication No. US20060015949A1 SENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                      APPLICANT: Medarex, Inc
APPLICANT: Lonberg, Ni
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEX: 904136
INFORMATION FOR SEQ ID NO: 106:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/08/646,265
FILING DATE: 09-SEP-1996
APPLICATION NUMBER: WO PCT/JP94/01763
FILING DATE: 19-OCT-1994
APPLICATION NUMBER: JP 5-291078
FILING DATE: 19-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME APPLICATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: WEGNER, Harold C.
REGISTRATION NUMBER: 25,258
REFERENCE/DOCKET NUMBER: 53466/184
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)672-5300
TELEFAX: (202)672-5399
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: PACENTIA Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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COMPUTER READABLE FORM:
MEDIUM TYPE: Flppy disk
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PRIOR APPLICATION DATA:
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ADDRESSEE: Foley & Lardner
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TITLE OF INVENTION: RESHAPED HUMAN ANTIBODY TO HUMAN
MEDULLOBLASTOMA CELLS
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; LENGTH: 44
; TYPE: DNA
; ORGANISM: Artificial
; PEATURE:
; FEATURE:
; OTHER INFORMATION: synthetic oligonucleotide
US-11-009-840A-222
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NUMBER OF SEQ ID NOS: 418
SOFTWARE: PatentIn version 3.3
SEQ ID NO 222
                                                                          Matches
                                                                                          Query Match
Best Local Similarity
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PRIOR APPLICATION NUMBER: US 08/096,762
PRIOR FILING DATE: 1993-07-22
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PRIOR FILING DATE: 1993-12-10
PRIOR APPLICATION NUMBER: US 08/161,739
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US 08/209,741 FILING DATE: 1994-03-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US 08/352,322
FILING DATE: 1994-12-07
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Search completed: February 12, 2006, 18:50:46 Job time: 112.597 secs

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